

06-12-2002



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1. Total number of pages including cover sheet, attachments and document:		<u>3</u>	
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): Jeffrey S. Rubin Execution Date(s): May 23, 2002			
3. Name and address of receiving party		<input type="checkbox"/> Check here if additional name(s) & address(es) are attached	
Name The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services Address National Institutes of Health Office of Technology Transfer, Suite 325 6011 Executive Boulevard City Rockville State/Country MD Zip 20852			
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:		<u>1</u>	
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. <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>09/546,043</u> <input type="checkbox"/> Check here if additional numbers are attached			
9. Correspondent's name, address, and telephone number William D. Noonan, M.D. Klarquist Sparkman, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204-2988 Telephone: 503-226-7301			
10. <input checked="" 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>			
William D. Noonan, M.D. Name of Person Signing:		 Signature	
		May 29, 2002 Date	

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WDN/SAS:gtc 4239-53990 E-014-00/0 05/22/02

ASSIGNMENT

11708 Rosalinda Drive, Potomac 20854 (JSR) 5/23/02
WHEREAS, we, Jeffrey S. Rubin, of ~~14405 Briarwood Terrace, Rockville, Maryland 20853~~,
a citizen of the United States of America, and Aykut Üren, of 694 Washington Boulevard, Baltimore,
Maryland 21230, a citizen of Turkey, employees of the Department of Health and Human Services at
the time the invention was made, have invented SECRETED FRIZZLED RELATED PROTEIN,
SFRP, FRAGMENTS AND METHODS OF USE THEREOF for which a patent application
identified as U.S. Patent Application No. 09/546,043 was filed April 10, 2000; and

WHEREAS, we by virtue of this assignment, and the conditions under which said invention
was made are such as to entitle the Government of the United States of America under Paragraph 1(a)
of Executive order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all
domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid
application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known for and in consideration of the
premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred
and by these presents do sell, assign, and transfer unto The Government of the United States of
America as represented by the Secretary of the Department of Health and Human Services
(hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest
throughout the United States of America, its territories and dependencies, and within each and every
foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid
application for Letters Patent of the United States of America, 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 application as provided by the Paris
Convention, or of any divisional, renewal, continuation in whole or in part, substitution, conversion,
reissue, prolongation or extension thereof.

AND, we hereby authorize and request the Commissioner for Patents to issue said Letters
Patent to THE GOVERNMENT as an assignee of the entire right, title, and interest in and to the same
throughout the United States of America, its territories and dependencies, and within each and every
foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or
terms for which said Letters Patent and Registrations may be granted thereon, or of any division,
renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension
thereof which may be granted as fully and entirely as the same would have been held by us, had this
assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens,
encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application
for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the
time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United
States of America and foreign countries, and to furnish and deliver to the Secretary, Department of
Health and Human Services, 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
GOVERNMENT to exercise its rights granted hereunder, including communicating to THE
GOVERNMENT, 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 we shall assist THE

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GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

We hereby grant the law firm of Klarquist Sparkman Campbell Leigh & Winston, 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, Assignors have signed their names on the dates indicated.

Dated: 5/25/02

Jeffrey S. Rubin
Jeffrey S. Rubin

STATE OF Maryland)
COUNTY OF Montgomery) ss.

This 23rd day of May, 2002, before me personally came the above-named Jeffrey S. Rubin, who executed the foregoing Assignment in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Dita A. Papadimitriou
Notary Public for State of Maryland
My commission expires: 2/1/2006

[SEAL]

Dated: _____

Aykut Üren

STATE OF _____)
COUNTY OF _____) ss.

This ___ day of _____, 2002, before me personally came the above-named Aykut Üren, who executed the foregoing Assignment in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Notary Public for _____
My commission expires: _____

[SEAL]

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