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ALEXANDRIA, VA 22313-1450 0.9.0 102517170  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)				
Name(s): Richard D. Beger, Ph.D. and Jon G. Wilkes, Ph.D. Execution Date(s): June 27, 2003				
Name and address of receiving party  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 I Office of Technology 6011 Executive Boule	Transfer, Suite 325		
City	Rockville	State/Country MD		Zip 20852
4. Nature o	f Conveyance enment	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				
7. 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. This document is being filed with a new application. Execution date is:  B. Patent Application No.(s) or Patent No.(s): 10/383,602  Check here if additional numbers are attached				
William Klarquisi One Wor 121 S.W Portland,	ndent's name, address, D. Noonan, M.D. t Sparkman, LLP eld Trade Center, Suite 1 . Salmon Street . Oregon 97204-2988 he: 503-226-7391	and telephone number 600		D AUS -4 AM 4: OPR/FINANCE
		postcard to confirm that	hasa itams haya baan	received CO
10. Please return the attached postcard to confirm that these items have been received.  11. 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.				
	D. Noonan, M.D.  f Person Signing	William D N Signature	over	July 29, 2003 Date
5/2003 ECOOPER C: 6021  cc: Client Docketing	00000042 10383602 40.00 BP			

PATENT REEL: 014341 FRAME: 0461

## ASSIGNMENT

We, Richard D. Berger, of White Hall, AR, a citizen of the United States of America, and Jon G. Wilkes, of Little Rock, AR, a citizen of the United States of America, have invented METHODS FOR PREDICTING PROPERTIES OF MOLECULES for which U.S. Patent Application No. 10/383,602 was filed March 7, 2003.

We were employed by the Department of Health and Human Services at the time the invention was made. 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 in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, we the undersigned, have sold, assigned, and transferred and do sell, assign, and transfer to 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 successors and assigns, the full and exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We have authorized THE GOVERNMENT to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

ASSIGNMENT - Page 1

We grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that 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: JUE 27, 2003

Richard D. Berger
Richard D. Berger
RDB

STATE OF ACKADEAS

) ss

COUNTY OF JEFFELSON

This Dibday of June, 2003, before me personally came the above-named Richard D. Beger, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

OFFICIAL SEAL
MARY D. HOFFMAN
NOTARY PUBLIC-ARKANSAS
JEFFERSON COUNTY
MY COMMISSION EXPIRES: 11-22-11

Notary Public for Selferson County, Ac My commission expires: 11-22-11

[SEAL]

Dated: 06/27/03

Jon B. Wilher You G. Wilkes

STATE OF Arkansas ) ss.

COUNTY OF Jefferson )

This 24 day of June, ,2003, before me personally came the above-named Jon G. Wilkes, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

OFFICIAL SEAL
MARY D. HOFFMAN
NOTARY PUBLIC-ARKANSAS
JEFFERSON COUNTY
MY COMMISSION EXPIRES: 11-22-11-

RECORDED: 08/04/2003

Notary Rublic for sufferson (ounty, An My commission expires: 11-22-11

[SEAL]

ASSIGNMENT - Page 3