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102153219 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

		A CONTRACTOR OF PONCO					
In Re the Application of: 5% -8 16 11: 38			Group Art Unit: 1634				
GUIDA et al	1.	FINANCE SLOTION)) `	Examiner:			
Serial No.: 10/085,612)) \	RECORDATION OF ASSIGNMENT			
Filed: February 26, 2002 7-8-02))	CERTIFICATE OF MAILING I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS			
Atty. File No.: 4389-5-C1))				
THE PHA COM	ABILITY RMACEU IPOSITIC	OR EVALUATING TO METABOLIZE JTICALS AND ONS THEREFOR"))))	FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS AND TRADEMARKS. WASHINGTON, D.C. 20231 ON July 1, 2022. SHERIDAN ROSS 6 BY:			
BOX ASSIGNMENTS Commissioner of Patents Washington, D.C. 20231							
Dear Sir:							
Pleas	e record t	he attached original docum	nen	ts or co	ppy thereof:		
1.	Name o	of conveying party(ies):					
		William P. Petros James J. Vredenburgh Oliver M. Colvin Jeffrey R. Marks					
2.	2. Name and address of receiving party(ies):						
		Duke Universtiy Erwin Road Durham, North Carolina 2	277(08			
3.	Nature	of Conveyance:					
	[]	Assignment Security Agreement Other:		[]	Merger Change of Name		
WELLER 00000111		ion Date: May 23, 2002 ar	nd M	1ay 28,	2002		

PATENT REEL: 013064 FRAME: 0423

4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application is:					
B.	Patent No.(s): None.				
	e and address of party to whom correspondence concerning documents should ailed:				
	Robert D. Traver, Esq. Sheridan Ross P.C. 1560 Broadway, Suite 1200 Denver, Colorado 80202-5141				
Total <u>1</u> .	otal number of applications and patents involved: 1.				
Total	fee (37 CFR 3.41)\$40.00.				
[X]	Enclosed				
[X]	Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.				
[]	Authorized to be charged to deposit account.				
Depo	Deposit account number: 19-1970.				
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.					
Total	number of pages including cover sheet, attachments and document: _7_				
	If this the ap A. B. Name be ma Total 1. Total [X] [X] Depo States To the and a				

Respectfully submitted,

SHERIDAN ROSS P.C.

Robert D. Traver

Registration No. 47,999 1560 Broadway, Suite 1200

Denver, Colorado 80202-5141

(303) 863-9700

Date: UVLY COLL
M:\4389\-5\\cl\Recordation\of Assignment to Duke.wpd

ASSIGNMENT &

901 Riverylew Drive, Morgan bown, West Virginia, 26505 WHEREAS, we, William P. Petros of 2-Bermouth Court, Durham, North Carolina 27705; James J. Vredenburgh of 100 Silver Glade Place, Chapel Hill, North Carolina 27514; Oliver M. Colvin of 208 Arcadia Lane, Chapel Hill, North Carolina 27514 and Jeffrey R. Marks of 4233 New Hope Spring Drive, Hillsborough, North Carolina 27278, along with co-inventors Marco Guida of 3899 Nobel Drive, #1301, San Diego, California 92122 and Jeff Hall of 7226 Columbine Drive. Carlsbad, California 92009, have invented a certain new and useful invention entitled "METHODS FOR EVALUATING THE ABILITY TO METABOLIZE PHARMACEUTICALS AND COMPOSITIONS THEREFOR," for which an application for Letters Patent of the United States was filed on February 26, 2002, receiving Serial No.10/085,612, and further identified as Attorney File No. 4389-5-C1 and for which a PCT application was filed on February 26, 2002, receiving Serial No. PCT/US02/06135 and further identified as Attorney File No. 4389-5-C1-PCT.

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Duke University, having a place of business at Erwin Road, Durham, North Carolina 27708, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Duke University and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent in accordance with the terms of this Assignment, to Duke University, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest of the inventors William P. Petros, James J. Vredenburgh, Oliver M. Colvin and Jeffrey R. Marks therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 5/28/02

Date: 5/23/04

PATENT REEL: 013064 FRAME: 0426

Date: 5/23/02	By: Wine W. Colvin
Date: 5/23/02	By: Jeffrey R. Marks
STATE OF WEST VIRGINIA COUNTY OF MONONEACIA	NOTARY PUBLIC, STATE OF WEST VIRGIN. KENNITH A. FERRETTI Med. Cr. Thurmacy and Health Svcs. Med. Cr. Thurmacy and Health Svcs.
P. Petros, known to me to be the pers acknowledged to me that he execu expressed.	n and for said County and State, personally appeared William on whose name is subscribed to the foregoing instrument, and ated the same for the purposes and considerations therein all of office this 28 day of May, 2002.
My Comm	Notary Public Ission Expires: July 29, 2002
STATE OF NORTH CAROUNA)) ss.
Vredenburgh, known to me to be the	n and for said County and State, personally appeared James J. person whose name is subscribed to the foregoing instrument, ecuted the same for the purposes and considerations therein
Given under my hand and sea	al of office this <u>23</u> day of <u>MAY</u> , 2002. Notary Public
My Comm	ission Expires: 1-23-06

STATE OF	NORTH CAROLINA)
) ss.
COUNTY O	F Durtam)

Before me, a Notary Public in and for said County and State, personally appeared Oliver M. Colvin, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 23 day of may, 2002.

Notary Public

My Commission Expires: 7-23-06

STATE OF NORTH CAROLINA)

() ss.

COUNTY OF DURHAM

)

RECORDED: 07/08/2002

Before me, a Notary Public in and for said County and State, personally appeared Jeffrey R. Marks, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this ________, 2002.

Notary Public

My Commission Expires: 7-23-06