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First Named Inventor	Alexandros MAKRIYANNIS			
Title	Retro-Anandamides, High Affinity and Stability Cannabinoid Receptor Ligands			
Attorney Docket Number	UCONAP/159/PC/US			

FINANCE SECTION

Mail Stop Assignment – Recordation Services, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

Please record the attached original document.

- 1. Name of conveying party(ies):
  - Alexandros MAKRIYANNIS
  - Qian LIU
  - Andreas GOUTOPOULOS
- 2. Name and address of receiving party(ies):

Name: UNIVERSITY OF CONNECTICUT

Street Address: 263 Farmington Avenue

City, State, ZIP: Farmington, Connecticut 06030

Country: US

3. Nature of Conveyance: ASSIGNMENT

Execution Dates: May 22, 2002, April 24, 2002; May 16, 2002

- 4. United States Patent Application No. 10/110,862.
- 5. Name and address of party to whom correspondence document should be mailed:

James E. Piotrowski, Esq. Alix, Yale & Ristas, LLP 750 Main Street, Suite 1400 Hartford, CT 06103-2721

- 6. Total Number Of Applications Involved: 1
- 7-8. Total fee enclosed: \$40.00. If this amount is incorrect, please charge or credit the difference to Deposit Account No. 16-2563.

9. Total number of pages including cover sheet, attachments and documents: 4

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40.00 MIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name

James E. Piotrewski

Reg. No.

Signature

**Qate** 

June 3, 2003

PATENT REEL: 014134 FRAME: 0505

43.860

Attorney Docket No.: UCONAP/159/PC/US

## **ASSIGNMENT**

WHEREAS, WE, Alexandros Makriyannis, Qian Liu, and Andreas Goutopoulos, respectively residing at 16 Stearns Road, Watertown, MA 02472, 1 Northwood Road, Apt. #25, Storrs, CT 06268 and 250 Newbury Street, Apt. 1R, Boston, MA 02116 have invented new and useful improvements in

## RETRO-ANANDAMIDES, HIGH AFFINITY AND STABILITY CANNABINOID RECEPTOR LIGANDS

which improvements are included in United States Provisional Patent Application Number 60/160,033 filed on October 18, 1999 and PCT International Application Number PCT/US00/41248 filed on October 18, 2000 and for which we are making application for Letters Patent of the United States under 35 U.S.C. 371, which application was filed on <a href="https://www.energy.com/states-under-10/110">https://www.energy.com/states-under-18, 2000 and for which we are making application for Letters Patent of the United States under 35 U.S.C. 371, which application was filed on <a href="https://www.energy.com/states-under-10/110">https://www.energy.com/states-under-18, 2000 and for which we are making application for Letters Patent of the United States under 35 U.S.C. 371, which application was filed on <a href="https://www.energy.com/states-under-10/110">https://www.energy.com/states-under-18, 2000 and for which we are making application was filed on <a href="https://www.energy.com/states-under-18, 2000">https://www.energy.com/states-under-18, 2000</a> and for which we are making application was filed on <a href="https://www.energy.com/states-under-19, 2000">https://www.energy.com/states-under-19, 2000</a> (and we hereby authorize our attorneys, authorized to prosecute said application, to above insert the serial number and filing date of said application, as soon as it is known); and

WHEREAS, University of Connecticut, having a place of business at 263 Farmington Avenue, Farmington, CT 06030, is desirous of acquiring the entire right, title and interest in and to said improvements and any Letters Patent which may be granted thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One (1) Dollar to us in hand paid and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said Alexandros Makriyannis, Qian Liu, and Andreas Goutopoulos sell, assign and transfer to University of Connecticut its successors and assigns (hereinafter called "Assignee"), the entire right, title and interest in and to said improvements and in and to any Letters Patent which may be obtained thereon in the United States and in all countries foreign thereto, together with said application and all divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or may be filed on said improvements in the United States or any other country; the same to be held and enjoyed by the Assignee for its and their sole use and behoove; and we do hereby further assign to the Assignee the right to file applications for patent in all countries on said improvements and all rights of priority resulting from any application for Letters Patent filed on said improvements.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States on said improvements to the Assignee.

PATENT REEL: 014134 FRAME: 0506 Attorney Docket No.: UCONAP/159/PC/US

We further covenant and agree that when requested by the Assignee, and without further consideration, but at the cost and expense of the Assignee, we will, for any and all countries, execute and deliver all applications for patent on said improvements, execute all lawful oaths and other papers, supply to the Assignee all facts and evidence known to us relating to said improvements and the history and development thereof, testify in all interferences, suits, and other legal proceedings, and generally do everything rightful which the Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper patent protection for said improvements and for vesting the title to said improvements in the Assignee.

We further covenant that we have the lawful right to assign the interest in said improvements in the manner and form as herein expressed and that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever.

IN WITNESS WHEF	REOF, I have hereunto s	set my hand and	seal as of a	nd for this
22 <sup>nd</sup> day of <u>]] ke</u>	_, 2002.	·		

ALEXANDROS MAKRIYANNIS

State of (market)

County of Talland) ss:

On this 2 day of 2002, before me personally appeared ALEXANDROS MAKRIYANNIS, who acknowledged that he signed the within instrument and that he executed the same as his own free act and deed.

Notary Public

Date Commission Expires:

SUSAN P. HAYES
NOTARY PUBLIC
NOTARY PUBLIC 2004

Attorney Docket No.: UCONAP/159/PC/US

IN WITNESS WHEREOF, I have hereunto set my hand and seal as of and for this				
	QIÁN LIU			
State of Cornected)				
State of Cornected)  County of Tolland)  State of Cornected)				
On this day of 2002, before me personally appeared O 140 LIU QIAN LIU, who acknowledged that she signed the within instrument and that she executed the same as her own free act and deed.				
SUSAN P. HAYES  NOTARY PULLIC 2004  MY COMMISSION EXPIRES OCT. 31,	Motary Public			
Date Commission Expires:	riotary i abilo			
IN WITNESS WHEREOF, I have hereunto _/u <sup>f^</sup> day of, 2002.	Ant			
State of Massachusetto	ANDREAS GOUTOPOULOS			
State of Massachusetto )ss: County of Bustal )				
On this <u>form</u> day of <u>many</u> , 2002, before me personally appeared ANDREAS GOUTOPOULOS, who acknowledged that he signed the within instrument and that he executed the same as his own free act and deed.				
Date Commission Expires:	Felica m. mearthy Notary Public			
Opril 24, 2007				
3				

**RECORDED: 06/05/2003** 

PATENT REEL: 014134 FRAME: 0508