FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 11-14-2000



101515398

U.S. Department of Commerce Patent and Trademark Office PATENT

RECORDATION FORM COVER SHEET

	PATENTS ONLY	30597-023			
TO: The Commissioner of Patents and Trademark		al document(s) or copy(ies).			
Submission Type	Conveyance Type				
X New	Assignment Secur	ity Agreement			
Resubmission (Non-Recordation) Document ID#	License Chang	e of Name			
Correction of PTO Error Reel # Frame # Corrective Document	Merger U.S. Gove	rnment overnment Agencies)			
Reel # Frame #	Departmental Fil	Secret File			
Conveying Party(ies)	Mark if additional names of conve	ying parties attached Execution Date Month Day Year			
Name (line 1) Andrea Giuffrida		10 15 99			
Name (line 2)		Execution Date			
Second Party		Month Day Year			
Name (line 1) <u>Danielle Piomelli</u>		10 18 99			
Name (line 2)					
Receiving Party	Mark if additional	names of receiving parties attached			
Name (line 1) Neurosciences Research	Foundation, Inc.	If document to be recorded is an assignment and the			
Name (line 2)		receiving party is not domiciled in the United States, an appointment			
Address (line 1) 10640 John Jay Hopkins	of a domestic representative is attached. (Designation must be a				
Address (line 2)		separate document from Assignment.)			
Address (line 3) San Diego	California State/Country	92121 Zip Code			
Domestic Representative Name and A					
Name Margaret M. Duncan					
Address(line 1) McDermott, Will & Emer	у				
Address (line 2) 227 West Monroe					
Address (line 3) Chicago, Illinois 60606-5096					
Address (line 4)					
FOR OFFICE USE ONLY					

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 011225 FRAME: 0447

FORM PTO- Expires 06/30/99 OMB 0651-0027	1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	nt Name and Address	Area Code and Telephone Numb	er (312) 372-2000
Name [Margaret M. Duncan		
Address(line 1)	McDermott, Will & Em	ery	
Address (line 2)	227 West Monroe		
Address (line 3)	Chicago, Illinois 60	606-5096	
Address (line 4)			
Pages	Enter the total number of pa including any attachments.	ges of the attached conveyance do	cument # 2
Application N	lumber(s) or Patent Nun	nber(s) Mai	rk if additional numbers attached
Enter either the	Patent Application Number or the F	Patent Number (DO NOT ENTER BOTH number	bers for the same property).
	nt Application Number(s)	Pa	itent Number(s)
09/322,843			
	being filed together with a <u>new</u> Pate named executing inventor.	ent Application, enter the date the patent appl	lication was Month Day Year
Patent Coope	eration Treaty (PCT)		
_	PCT application number	PCT PCT	PCT
	if a U.S. Application Number	r PCT PCT	РСТ
	ot been assigned.		
Number of Pr	operties Enter the to	tal number of properties involved.	# 1
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41): \$ 40.00
Method o Deposit A		osed Deposit Account X	
•		litional fees can be charged to the account.)	
	ι	Deposit Account Number:	# 13-0206
	1	Authorization to charge additional fees	: Yes X No
Statement an	d Signature		
attached	d copy is a true copy of the old herein.	elief, the foregoing information is troriginal document. Charges to dep	osit account are authorized, as
Margaret	M. Duncan	Margaret M. I.	curcun 10/24/00
	of Person Signing	Signature	Date

PATENT REEL: 011225 FRAME: 0448

ASSIGNMENT OF INVENTION

Application No. 09/322,843

Filed: May 28, 1999

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s) to NEUROSCIENCES RESEARCH FOUNDATION, INC., its successors, assigns and legal representatives (hereinafter called "said assignee") the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, titled CONTROL OF PAIN WITH ENDOGENOUS CANNABINOIDS and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee and authorize(s) and request(s) the attorney(s) of record in said application to insert in this assignment the date and serial number of said application.

For said considerations, the undersigned hereby agree(s) upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to co-operate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agree(s) to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

And for said considerations, the undersigned hereby assign(s) to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under the International Convention, and agree(s) to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

		Executed Separately
Date		Antonio Calignano
		Executed Separately
Date		Giovanna La Rana
10-15-99		Andrea Giuffrida
Date		Andrea Giuffrida
		Executed Separately
Date		Danielle Piomelli
State of CALIFORNIA)) ss.	
County of)	

Before me, a Notary Public in and for the County and State aforesaid, appeared to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

Notary Public - My Commission	
Expires	

\30597\023\002\ASSIGNME.001

Filed: May 28, 1999

ASSIGNMENT OF INVENTION

Application No. 09/322,843

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For said considerations, the undersigned hereby agree(s) upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to co-operate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agree(s) to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

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	Executed Separately
Date	Antonio Calignano
	Executed Separately
Date	Giovanna La Rana
	Executed Separately
Date Bel 18 1989	Andrea Giuffrida
Date	Danjelle Piomelli
State of CALIFORNIA) ss.	
County of)	

Before me, a Notary Public in and for the County and State aforesaid, appeared to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

Notary Public - My Commission	
Expires	

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RECORDED: 10/24/2000

PATENT REEL: 011225 FRAME: 0450