FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	(1) - 4 - (1)	U.S. Department of Commerce Patent and Trademark Office DATENT		
СМВ 0651-0027 6-4-07	j()): −4 · ; 	06-07-2001		
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	PATENTS ONLY	101741000		
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		Agreement		
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Name (line 1) David A. Pienkowski		Month Day Year 05232001		
Name (line 2)				
Second Party Name (line 1) Rodney J. Andrews		Execution Date Month Day Year		
Name (line 2)				
Receiving Party	Mark if additional nam	es of receiving parties attached		
Name (line 1) University of Kentucky Research		If document to be recorded is an assignment and the		
Name (line 2) University of Kentucky		receiving party is not domiciled in the United States, an appointment of a domestic		
Address (line 1) Astecc Building		representative is attached. (Designation must be a separate document from		
Address (line 2) Room A144		Assignment.)		
Address (line 3) Lexington	Kentucky 40.	506		
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PATENT REEL: 011858 FRAME: 0064

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Numb	per 859-252-0889
Name Warren D. Schickli		
Address (line 1) King and Schickli, PLLC		
Address (line 2) 247 North Broadway		
Address (line 3)	······	
Address (line 4) Lexington, KY 40507		
Pages Enter the total number of page including any attachments.	s of the attached conveyance do	# 2
Application Number(s) or Patent Numb Enter either the Patent Application Number or the Pate		rk if additional numbers attached
Patent Application Number of the Patent Patent Application Number(s) 09/773,293	Pa	atent Number(s)
Patent Cooperation Treaty (PCT) Enter PCT application number	PCT PCT PCT PCT	PCT
Number of Properties Enter the total	number of properties involved.	#1
Method of Payment: Enclos Deposit Account (Enter for payment by deposit account or if additio Dep		#11-0978
	ief, the foregoing information is t iginal document. Charges to dep (JAML) Shurk Signature	rue and correct and any posit account are authorized, as $\frac{5/30/01}{Date}$
Name of Person Signing	Jignature	

PATENT REEL: 011858 FRAME: 0065 Docket No. 434-221

ASSIGNMENT

AND WHEREAS, UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, a corporation of the Commonwealth of Kentucky, and having a place of business at Astecc Building, Room A144, Lexington, Kentucky 40506, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, we do hereby sell, assign, transfer and set over unto UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee;

WE hereby authorize and request our attorneys King and Schickli, PLLC of 247 North Broadway, Lexington, Kentucky 40507 to insert here in parentheses (Application Serial No. 09/773,293 ,

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filed January 31, 2001) the serial number and filing date of this application when known.

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Daid Kinhali

COMMONWEALTH OF KENTUCKY)) SS: COUNTY OF <u>Farge tto</u> On this <u>23^{ref}</u> day of <u>Marg</u>, 2001, before me personally appeared

DAVID A. PIENKOWSKI, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

	My commission expires:	March 10, 2000	2
SEAL		Clinabet The	auther Meust
		NOTARY PUBLIC	

***** RODNEY , ANDREWS

COMMONWEALTH OF KENTUCKY)	SS:	
COUNTY OF Fayette)	
On this <u>24</u>	lay of May	_, 2001, before me personally appeared

RODNEY J. ANDREWS, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

<u>9/15/03</u> <u>Jamela Lause Mchotosh</u> My commission expires:

SEAL

2

RECORDED: 06/04/2001