06-25-1999 REC FORM PTO-1595 Patent and Trademark Office (Rev. 6-93) 101074448_ OMB No. 0061-0011 (exp. 4/94) Tab settings $\Rightarrow \Rightarrow \Rightarrow$ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies) Name of conveying party(ies): Name: University of Kentucky Research Foundation Leonidas G. Bachas and Ibrahim H. A. Badr Internal Address: University of Kentucky Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: A144 ASTeCC Building Street Address Assignment Assignment Merger City: Lexington State: Kentucky ZIP: 40506-0286 Security Agreement Change of Name Other _____ Execution Date: March 4, 1999 and March 17, 1999 Additional name(s) of conveying party(ies) attached? Yes No 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: A. Patent Application No.(s) B. Patent No.(s) 08/999.224 Additional numbers attached?

Yes

No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)....\$ 40.00 Name: David J. Oldenkamp, Esg. Internal Address: Oppenheimer Wolff & Donnelly LLP Authorized to charge deficiencies to deposit account **Suite 3800** 8. Deposit account number: Street Address: 2029 Century Park East 16-2230 City: Los Angeles State: CA 90067 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 40E 9. 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. David J. Oldenkamp, Reg. No. 29,421 06/24/1999 NTHAI1 00000012 08999224 Total number of pages including cover sheet, attachments, and document:

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

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ASSIGNMENT

WHEREAS WE, Leonidas G. Bachas and Ibrahim H. A. Badr of Lexington, Kentucky, have made a certain new and useful invention as set forth in a application for United States Letters Patent, entitled ION SELECTIVE MEMBRANE WITH MERCURACARBORAND IONOPHORE, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, the University of Kentucky Research Foundation, a corporation of the State of Kentucky and having an address of the University of Kentucky Research Foundation, Lexington, KY 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 as specified in University of Kentucky Regulation AR II-1.1-3, We do hereby sell, assign, transfer and set over unto the 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, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, 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 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, continuations, continuations-in-part, 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 application 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;

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.

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State of Kentucky)	
) SS:	
County of Fayette)	
On this /// day of /	1999, before me personally appeared Leonidas G. Bachas, to lamed in and who executed the above instrument, and acknowledged to me that
me known to be the person	almed in and who executed the above instrument, and acknowledged to me tha
	the uses and numerous therein set fouth
	the uses and purposes therein set form.

My Commission expires

SEAL

314199	- Harahim took
Date	Ibrahim H.A. Badr

State of Kentucky)) SS:

County of Fayette)

On this $\frac{1}{1}$ day of $\frac{100}{100}$ day of $\frac{100}{100}$, 1998 before me personally appeared, Ibrahim H. A. Badr to me known to be the person named in and who executed the above instrument, and acknowledged to me that

he/she executed the same for the uses and purposes therein set forth.

Seal

Notary Public

My Commission expires 2 - 08 - 2 002

PATENT REEL: 010042 FRAME: 0555

RECORDED: 06/21/1999