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10-16-1998

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To The Honorable Commissioner of Patents and Tradema thereof.	rks. Please record the attached original documents or copy		
Name of conveying party(ies):	2. Name and address of receiving party(ies):		
David Weinberg, Scott A. Waldman, Michael T. Barber and Sanjoy Biswas	Name: Thomas Jefferson University		
Additional name(s) of conveying party(ies) attached? () YES (X) NO	Street Address: 1020 Locust Street		
Nature of Conveyance: (X) Assignment () Merger (A) Converte Agreement	City: Philadelphia		
() Security Agreement () Change of Name () Other:	State PA ZIP 19107-6799 Additional name(s) & address attached? tayes (X)NO		
Execution Date: April 29, 1998			
4. Application number(s) or patent number(s): If this document is being filed together with a new app	Olication, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)		
09/025,534			
Additional numbers a	ittached? () YES (X) NO		
5. Name and address of party to whom correspondence concerning documents should be mailed: Name: Mark DeLuca	6. Total number of applications and patents involved: One (1)		
Internal Address: WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP	7. Total fee (37 CFR 3.41):\$40.00 (X) Enclosed		
One Liberty Place - 46th Floor Philadelphia, Pennsylvania 19103-7301	() Authorized to be charged to Deposit Account Number 23-3050		
Street Address: WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP One Liberty Place - 46th Floor 1650 Market Street Philadelphia, Pennsylvania 19103-7301	Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050		
DO NOT U	SE THIS SPACE		
Copy of the original document. Mark DeLuca / 33,229 Name of Person Signing/Reg. No.	formation is true and correct and any attached copy is a true 3 October 7, 1998 gnature Date pages including cover sheet, attachments, and document: 6		
Mail documents to be recorded with required cover sheet	information to:		
Box A	Patents and Trademarks ssignments on, D.C. 20231		

PATENT = REEL: 9502 FRAME: 0553

(Pending Application; Serial No. 09/025,534)

DOCKET NO.: TJU-2314

ASSIGNMENT

WHEREAS, we David Weinberg, Scott A. Waldman, Michael T.
Barber and Sanjoy Biswas, hereinafter referred to as the assignors, residing respectively at 136 Hermit Street, Markers
Philadelphia, Pennsylvania 19127; 19 Bleddyn Road, Ardmore, Road, Pennsylvania 19003; 27 East Central Avenue, Apartment G-10, Paoli, Pennsylvania, 19301; 201 South 11th Street, #603N, Philadelphia, Pennsylvania, 19107 are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 09/025,534, filed February 18, 1998, entitled COMPOSITIONS THAT BIND TO PANCREATIC CANCER AND METHODS OF USING THE SAME; and

WHEREAS, Thomas Jefferson University hereinafter referred to as the assignee, of Philadelphia, Pennsylvania, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the terms of the patent policy of Thomas Jefferson University, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we

> PATENT REEL: 9502 FRAME: 0554

Wynnewso D, PA 19096 My further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

David Weinberg

Lott L. Waldur (L.S.)

Scott A. Waldman

Michael T. Barber

(L.S.)

Sanjoy Biswas

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Pennsylvania	:
Pennsylvania COUNTY OF Philadelphi	SS <u>A</u> :
personally came the a <u>Michael Bayber, S</u> known and known to me foregoing assignment,	day of April , 1998, before me above named Scott WAldman, Vav. 0 Wein berg, to me personally to be the same individual who executed the and who acknowledged to me that execution of it person's own free will for the use and forth.
[WHERE INVENTORS SIGN	Notary Public NOTARIAL SEAL SHERRY R. WEITZ, Notary Fublic City of Philadelphia, Phila. County My Commission Expires June 27, 1998 N BEFORE SEPARATE NOTARIES:
COUNTY OF	: : :
On this personally came the al me personally known an executed the foregoing	day of, 19, before me bove named to nd known to me to be the same individual who assignment, and who acknowledged to me that was of that person's own free will for the
On this personally came the alme personally known are executed the foregoing execution of the same	day of, 19, before me bove named to nd known to me to be the same individual who assignment, and who acknowledged to me that was of that person's own free will for the

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PATENT REEL: 9502 FRAME: 0556

PATENT Joint Inventors

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	Notary Public
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	Notary Public

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PATENT REEL: 9502 FRAME: 0557

PATENT Joint Inventors

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RECORDED: 10/13/1998

PATENT REEL: 9502 FRAME: 0558