



To The Honorable Commissioner of Pat
copy thereof.

101754844

ne attached original documents or

1. Name of conveying party(ies):
 Scott A. Waldman
 Jason Park
 Stephanie Schulz
 Additional name(s) of conveying party(ies)
 attached? () YES (X) NO

3. Nature of Conveyance:
 Assignment () Merger
 Security Agreement
 Change of Name
 Other:
 Execution Date(s): 5-23-01, 5-23-01, 5-23-01

2. Name and address of receiving party(ies):

Name: Thomas Jefferson University
 1020 Locust Street-M-60

Street Address: Technology Transfer 14

City: Philadelphia

State PA ZIP 19107

Additional name(s) & address attached? () YES (X) 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) 09/819,252

B. Patent No.(s)

Additional numbers attached? () YES (x) NO

5. Name and address of party to whom
 correspondence concerning documents should
 be mailed:
 Mark DeLuca
 Internal Address: WOODCOCK WASHBURN KURTZ
 MACKIEWICZ & NORRIS LLP
 One Liberty Place - 46th Floor
 Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ
 MACKIEWICZ & NORRIS LLP
 One Liberty Place - 46th Floor
 1650 Market Street
 Philadelphia, Pennsylvania 19103-7301


6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$40.00
 Enclosed
 Authorized to be charged to Deposit Account
 Number 23-3050

8. Please charge any deficiency or credit any
 overpayment to Deposit Account Number 23-3050

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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.



Mark DeLuca/Reg. No. 33,229

Signature

June 12, 2001

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

05/19/2001 TDIAZ1 00000032 09819252 Commissioner of Patents and Trademarks
 FC:581 40.00 OP Box Assignments
 Washington, D.C. 20231

DOCKET NO.: TJU-2389

**(Pending Application;
Serial No. 09/819,252)**

ASSIGNMENT

WHEREAS, we **Scott A. Waldman, Jason Park and Stephanie Schulz**, hereinafter referred to as the assignors, residing respectively at **119 Bleddyn Road, Ardmore, Pennsylvania 19003; 925 Latimer Street, Philadelphia, Pennsylvania 19107; and 117 Howard Road, West Chester, Pennsylvania 19380** 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. **09/819,252**, filed **March 27, 2001**, entitled **COMPOSITIONS AND METHODS FOR IDENTIFYING AND TARGETING CANCER CELLS OF ALIMENTARY CANAL ORIGIN**; 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.

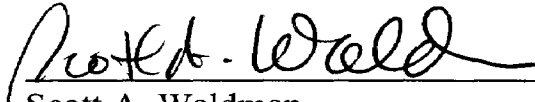
AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all 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

PATENT
Joint Inventors


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.



Scott A. Waldman (L.S.)



Jason Park (L.S.)

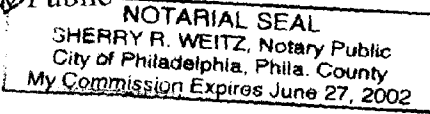


Stephanie Schulz (L.S.)

Pennsylvania :
: SS
COUNTY OF Philadelphia :

On this 23 day of May, year of 2001, before me personally came the above named Scott Waldman to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

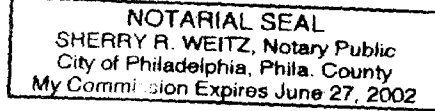
Sherry R Weitz
Notary Public



Pennsylvania :
: SS
COUNTY OF Philadelphia :

On this 23 day of May, year of 2001, before me personally came the above named JASON PARK to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Sherry R Weitz
Notary Public



Pennsylvania :
: SS
COUNTY OF Philadelphia :

On this 23 day of MAY, year of 2001, before me personally came the above named Stephanie Schultz to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Sherry R Weitz
Notary Public

