

WST93AUSA

Customer No. 00270

Form PTO-1595

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

(Rev. 10/02)

PATENTS ONLY

U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab Settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): THOMAS KIEBER-EMMONS Execution Date December 8, 2003

2. Name and address of receiving party(ies): Name: The Trustees of the University of Pennsylvania Internal Address: Street Address: 3160 Chestnut Street, Suite 200 City: Philadelphia State: Pennsylvania Zip: 19104-6283

3. Nature of Conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [X] Other: Record to Correct Conveying Parties on assignment previously recorded on reel 014185 frame 0981.

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) 09/831,047 B. Patent No.(s) N/A Additional numbers attached? [ ] yes [X] no

5. Name and address of party to whom correspondence concerning document should be mailed: Name: MARY E. BAK Howson and Howson Internal Address: Street Address: Spring House Corporate Center, Box 457 City: Spring House State: PA Zip: 19477

6. Total number of applications and Patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 [ ] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: 08-3040 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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. Mary E. Bak Signature Date Jan 28, 2004

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

Mail documents to be recorded with required coversheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, DC 20231

CH \$40.00 083040 09831047

WST93AUSA

Customer No. 00270

Form PTO-1585 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)  
 RECORDATION FORM COVER SHEET PATENTS ONLY  
 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): THOMAS KIEBLER-EMMONS Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>The Trustees of the University of Pennsylvania</u> Internal Address: _____ Street Address: <u>3160 Chestnut Street, Suite 200</u> City: <u>Philadelphia</u> State: <u>Pennsylvania</u> Zip: <u>19104-6283</u> Additional name(s) & address(es) attached <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other: Execution Date(s): December 8, 2003	

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) 09/831,047 B. Patent No.(s) N/A  
 Additional numbers attached?  yes  no

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>MARY E. BAK</u> <u>Howson and Howson</u> Internal Address: _____ Street Address: <u>Spring House Corporate Center,</u> <u>Box 457</u> City: <u>Spring House</u> State: <u>PA</u> Zip: <u>19477</u>	6. Total number of applications and Patents involved: ..... <u>1</u> 7. Total fee (37 CFR 3.41) ..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>08-3040</u> (Attach duplicate copy of this page if paying by deposit account)
---	---

DO NOT USE THIS SPACE

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.  
Mary E. Bak Mary E. Bak Dec 10, 2003  
 Name of person signing Signature Date

Total number of pages, including cover sheet, attachments, and document:  
 Mail documents to be recorded with required government information to:  
 Commissioner of Patents and Trademarks, Box Assignments Washington, DC 20231

FORM 1585-10/02 (REV. 10/02) 0651-0027-10/02

### ASSIGNMENT

WHEREAS, Thomas Kieber-Emmons, hereinafter referred to as ASSIGNOR, has co-invented and is the co-owner with Magdalena Blaszczyk-Thurin of an invention entitled COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been filed on May 3, 2001 and given Application Number 09/831,047.

WHEREAS, The Trustees of the University of Pennsylvania, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania and engaged in business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104-6283, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;


NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over, and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the date indicated below.

Date Dec 8, 2003

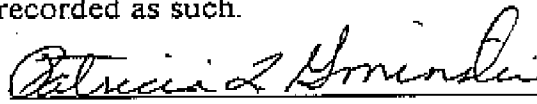
  
Thomas Kieber-Emmons (SEAL)

NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :  
: SS.: :  
County of \_\_\_\_\_ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 8th day of December 2002, personally appeared Thomas Kieber-Emmons to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

  
Patricia L. Gminski  
Notary Public

