FORM PTO-1595 U.S. (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	12-01-199 101209271		R SHEET DEPARTMENT OF COM Patent and Tradema			
To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.						
Name of conveying party(ies): George Weiner and Arthur M. Krie			eddress of receiving party(ies) rersity of Iowa Research Foundation			
Additional name(s) of conveying party(ies) attac	Internal Add	1055.	į			
3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change o [] Other Execution Date: October 25, 1999 and 1999, respectively		Oa	14 Technology Innovation Center, akdale Research Camput wa City, Iowa 52242) & addresses(es) attached? [] Yes [x] N I hereby certify that this corresp deposited with the circled State first class read in an emotion of missioner of Papara and Fraderic II.C. 20231. an	madence is beit Femial Service decision and Am		
4. Application number(s) or patent number(s):						
If this document is being filed together	with a new application,	the execution date	e of the application is	ママバル (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1		
A. Patent Application No.(s)		B. Patent No.(s)				
 Additional numbers attached? [] Yes [x] No						
Name and address of party to whom c Concerning document should be mailed		6. Total number of applications and patents involved: 1				
Name: Helen C. Lockhart, Esq. Address: WOLF, GREENFIELD Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210		The Commission to Deposit Accou		\$ 40.00		
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 are served to original document.						
Helen C. Lockhart	I KKEUL KO	Elast	11 1619 \$			
Name of Person Signing	Signati	ure	D. See			
Total number of pages including cover sheet, attachments, and document: 5						
Mail documents to be recorded with required cover sheet information to: Box Assignment, Commissioner of Patents and Trademarks, Washington, D.C. 20231						

417331.1

REEL: 010401 FRAME: 0001

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, George Weiner, hereby

Sell, assign and transfer to the University of Iowa Research Foundation, a corporation of Iowa having a place of business at 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, Iowa, 52242, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on April 2, 1999, assigned serial no. AND PRODUCTS **FOR** and entitled **METHODS** 09/286,098 IMMUNOTHERAPY, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

270256.1

1.

PATENT REEL: 010401 FRAME: 0002

. 1.

10-25	-99
Date	

George Weiner

STAT		Joura.		
COUN	TY OF	Johnson		_; _:
Subsc	zibed and sw	/ /orn to before m	ie this 25day	or October, 1999.
	SEAL			Linda L. Koro
				Notary Public
				My Commission Expires 10-17-1200 2

C1039/7026

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Arthur M. Krieg, hereby

Sell, assign and transfer to the University of Iowa Research Foundation, a corporation of Iowa having a place of business at 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, Iowa, 52242, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on April 2, 1999, assigned serial no. 09/286,098 and entitled METHODS AND PRODUCTS FOR TUMOR IMMUNOTHERAPY, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

270255.1

PATENT PAGE. 02
REEL: 010401 FRAME: 0004

Assignment

Page 2

11/15/99 Date

Arthur M. Krieg

STATE OF CHINESE OF THE PROPERTY OF THE PROPER

PATENT PAGE. Ø3
REEL: 010401 FRAME: 0005

NOV 15 1999 13:57

RECORDED: 11/18/1999