## RECORDAT



Docket No.: HMS99-01

6-14-99 P. 101069306					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
Name of conveying party(ies)	Name and address of receiving party(ies)				
Howard M. Shapiro	Name: Howard M. Shapiro, M.D., P.C.				
	Internal Address:				
	internal Address:				
Additional name(s) of conveying party(ies) attached? [] Yes [X] No					
3. Nature of conveyance:	Street Address: 283 Highland Avenue				
[X] Assignment [ ] Merger					
[ ] Security Agreement [ ] Change of Name	City: West Newton State: MA ZIP: 02464				
[ ] Other					
Execution Date: May 25, 1999	Additional name(s) & address(es) 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)	B. Patent No.(s)				
(09/274,699)					
Additional num	bers attached? [ ] Yes [X ] No				
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: [1]				
Name: Alice O. Carroll, Esq.	7. Total Fee (37 C.F.R. 3.41) \$ 40.00				
Internal Address:	[X] Enclosed				
Hamilton, Brook, Smith & Reynolds, P.C.	<ul> <li>[X] Authorized to charge any deficiencies or credit any overpayment to deposit account</li> </ul>				
	[ ] Authorized to be charged to deposit account				
Street Address: Two Militia Drive	8. Deposit account number:				
	08-0380				
City: Lexington State: MA ZIP: 02421-4799	(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					
1999 HTMA11 00000119 09274699					
Sandra A. Brockman of Person Signing  Signature  Signature  Signature  Signature					
realite of a cloud organing	Signature / Date				
Total number of pages including cover sheet, attachments, and document: [3]					

**PATENT** 

**REEL: 010022 FRAME: 0422** 

## **ASSIGNMENT**

WHEREAS, I, **Howard M. Shapiro**, have invented a certain improvement in **METHOD FOR OVERCOMING BACTERIAL ANTIBIOTIC RESISTANCE**, described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith States Patent Office;	and is about to be filed in the United
[X]	was filed on <u>March 23, 1999</u>	as Application No. <u>09/274,699;</u>
[]	was patented under U.S. Patent No.	on
	M.D.,	

WHEREAS, Howard M. Shapiro, P.C. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 283 Highland Avenue, West Newton, Massachusetts 02465-2513 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application. together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

1,

PATENT REEL: 010022 FRAME: 0423 AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

	Inventor	thomson	Date	5/25/99
		Howard M. Shapiro		
	Address	283 Highland Avenue		
		West Newton, Massachusetts 0246	5-2513	
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	Welle	Sley, MA 02482		
Witness	Fatuck,	Mallera	Date	3 /a5/99
Address	167 4	Ruburn date Ave.		
	New	ton, MA 02465		
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**RECORDED: 06/14/1999** 

PATENT REEL: 010022 FRAME: 0424