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

1. Name of conveying party(ies):
   Raymond Schinazi

2. Name and address of receiving party(ies)
   Name: Department of Veterans Affairs
   Internal Address: Office of the General Counsel
   (PSG IV)
   Street Address: 810 Vermont Avenue, NW
   City: Washington State: DC Zip: 20420

3. Nature of conveyance:
   - [ ] Assignment
   - [X] Merger
   - [ ] Security Agreement
   - [ ] Change of Name
   - [X] Other Confirmary License

   VACase No.: 94-011
   Execution Date: 12/08/93

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) 6180766; 6583122;
   US94/13835; 5,599,796; 5,872,107; and
   Additional numbers attached? [ ] Yes [X] No 159,614,450

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Department of Veterans Affairs
   Internal Address: Office of the General Counsel (PSG IV)
   Street Address: 810 Vermont Avenue, NW
   City: Washington State: DC Zip: 20420

6. Total number of applications and patents involved: 6

7. Total fee (37 CFR 3.41).............. $ 0.00
   [ ] Enclosed
   [ ] Authorized to be charged to deposit account

8. Deposit account number:

9. Signature.
   John W. Klein, AGC for PSG IV
   Name of Person Signing
   Signature
   Date 11/17/03

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 014699 FRAME: 0148
LICENSE

WHEREAS, I Dr. Raymond Schinazi, have invented "Carboranyl Oligonucleotides for Antisense and Boron Neutron Capture Therapy", and

WHEREAS, the nature of the services and contributions by the Department of Veterans Affairs are such to justify and lawfully entitle the Government of the United States to have the hereinafter recited rights and license.

NOW, THEREFORE, in consideration of the premises, and other good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby grant and convey unto the Government of the United States of America, for all governmental purposes, a nonexclusive, irrevocable, royalty-free license in said inventions to make, to have made, to use, and to sell or otherwise dispose of any and all manufactures, machines, processes, and compositions of matter embodying said inventions, with power to grant a license for governmental purposes, said license to extend throughout the world and to be effective for the full term for which any patent, domestic or foreign, or any reissue of extension thereof, is or may be granted on the invention or any part thereof.

Dr. Raymond Schinazi

Subscribed and sworn to before me this 8 day of Dec., 1993, at Atlanta, in the County of DeKalb, and the State of Georgia.

(Seal)

Signature of Notary Public

My commission expires on Notary Public, DeKalb County, Georgia 1994.

Commissioner of Patents and Trademarks  
Box Assignment  
Washington, D.C.  20231  

RE: Confirmatory License for VA Case No.: 96-032  

Dear Sir or Madam:  

Enclosed please find the subject Confirmatory License  
submitted under Recordation Form Cover Sheet, Form PTO-1595.  
Pursuant to 38 C.F.R. § 1.653, the undersigned is authorized  
to act for the Secretary of Veterans Affairs in matters  
concerning patents and inventions.  

Sincerely yours,  


John W. Klein  
Assistant General Counsel  

Enclosure  

cc: Director, Technology Transfer 12A(TT) (w/o enclosure)  
    Program Manager Technology Transfer (w/o enclosure)
WHEREAS I, Dale N. Gerding, MD, and employee of the Department of Veterans Affairs Medical Center, Minneapolis, Minnesota, have invented the "Method and Materials for Prevention of Clostridium-difficile Associated Disease," Patent Application No. 60/003,847, filed on September 15, 1995, and;

WHEREAS, the nature of the services and contribution by the Department of Veterans Affairs are such to justify and lawfully entitle the Government of the United States to have the hereinafter recited rights and license;

NOW THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, We do hereby grant and convey unto the Government a nonexclusive, irrevocable, royalty-free license in said invention, to make, to have made, to use, to sell, or otherwise dispose of, any and all manufactures, machines, processes, and compositions of matter embodying said invention, with power to grant a license for all governmental purposes, said license to extend throughout the world and to be effective for the full term for which any patent, domestic or foreign, or any reissue or extension thereof, is or may be granted on the invention or any part thereof.

Dale N. Gerding, MD

Subscribed and sworn to before me this 26th day of December, 1995, at St. Cloud, Minnesota, in the County of Stearns, and the State of Minnesota.

Signature of Notary Public

U.S. Pat. & Trademark Office
Assignmment Div Box:Assgts CG-4
1213 Jeff. Davis Hiway #320 Attn: M. Benton
Washington, D. C. 20231

Nov. 8, 2003

Re: Recordal of Deed of Assignment to U.S. Patent

Mamm:

I acknowledge receipt of the Nov 7th letter of 10/31/03 as to Notice of Non-Recordalation of (Deed) Document. The original deed has now been emended to recite: deed execution date
the appln. serial no., and the resulting U.S.Pat. # 6,588,350 Bl.

Returned herewith for formal recordal are: (1) photocopy of the PTO NOTICE LETTER. 2) the emended Recordal Form Cover Sheet; and the original of the formal assgt. of appln. That cover sheet acknowledges earlier payment of the formal fee of US$40;00 of record.

Encls

[Signature]

[Stamp: Apr 19, 868]
UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 31, 2003

A. R. EGLINGTON, ESQ.
A. R. EGLINGTON
113 CROSS CREEL DRIVE
POTTSVILLE, PENNA 17901

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

102456819A

UNITED STATES PATENT AND TRADEMARK OFFICE
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DOCUMENT ID NO.: 102456819

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SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT
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WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE,
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1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY
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EXECUTION DATE MUST BE INDICATED FOR EACH CONVEYING PARTY.

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDED: 11/17/2003

PATENT
REEL: 014699 FRAME: 0153