

08-30-2000

DEPARTMENT OF COMMERCE

RECO



101447662

Patent and Trademark Office  
Docket No. 406462000102

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

## 1. Name of conveying party(ies):

George H. Lowell

- ☒ Individual(s)      ☐ Association  
☐ General Partnership      ☐ Limited Partnership  
☐ Corporation-State      ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: U.S. Army Medical Research & Materiel Command  
Internal Address: Department of Army, Command Judge  
Advocate OfficeStreet Address: 504 Scott Street  
City: Fort Detrick, State: Maryland ZIP: 21702-5012Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other:

Execution Date: 4 July 2000

## 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)  
09/407,327

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Thomas G. Wiseman  
Morrison & Foerster LLP  
2000 Pennsylvania Avenue, N.W.  
Washington, D.C. 20006-1888

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account, referencing  
Attorney Docket 406462000102

8. Deposit account number: 03-1952The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.**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.

Name: Thomas G. Wiseman  
Registration No: 35,046

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 3

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Documents to be recorded with required cover sheet information to:

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dc-216007

**PATENT**  
**REEL: 011026 FRAME: 0145**

## ASSIGNMENT SOLE

THIS ASSIGNMENT, by George H. Lowell (hereinafter referred to as the assignor), residing at 185 Eton Crescent, Hampstead (Quebec) H3X 3K4 Canada, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in ORAL OR INTRANASAL VACCINES USING HYDROPHOBIC COMPLEXES HAVING PROTEOSOMES AND LIPOPOLYSACCHARIDES, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 09/407,327 and filed on September 28, 1999; and

I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1) Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2) Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

3) Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

4 July 00  
Date

George H. Lowell  
George H. Lowell