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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies)

Franklin VOLVOVITZ

Additional name(s) of conveying party(ies) attached?  
\_ Yes X No

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

Name: PROTEIN SCIENCES CORPORATION

Internal Address:

Street Address: 1000 RESEARCH PARKWAY

City: MERIDEN State: CT Zip: 06450-7159

Additional name(s) & address(es) attached? \_ Yes X No3. Nature of conveyance: **MRD 5-20-98**

- X Assignment  
 \_ Security Agreement  
 \_ Merger  
 \_ Change of Name  
 \_ Other

Execution Date: EFFECTIVE DATE: APRIL 28, 1995

## 4. 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) U.S. Application Serial No. 08/430,971, filed April 28, 1995 B. Patent No.(s)Additional numbers attached? X Yes \_ No

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

Name: THOMAS J. KOWALSKI  
 FROMMER LAWRENCE & HAUG LLP  
 745 FIFTH AVENUE  
 NEW YORK, NEW YORK 10151

Internal Address:  
 Street Address: FROMMER LAWRENCE & HAUG LLP  
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 City: NY State: NY Zip: 10151

## 6. Total number of U.S. applications and patents involved . . . . .

1

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  
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## 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.

Thomas J. Kowalski

Name of Person Signing

Reg. No. 32,147

Thomas J. Kowalski

Signature

20 May 98

Date

Total number of pages including cover sheet, attachments, and document(s): 5

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## ASSIGNMENT

I, FRANKLIN VOLVOVITZ, having an address of: Amity Station, P.O. Box 5004, Woodbridge, CT 06525, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: IMPROVED VIRUS VACCINES, Serial No. 08/430,971, filed April 28, 1995, and PROTEIN SCIENCES CORPORATION, whose address is 1000 Research Parkway, Meriden, CT 06450-7159, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention, PCT, and National Phase applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and reexaminations, extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every right including without limitation every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent, this assignment and conveyance to Assignee and confirmation in Assignee including without limitation: U.S. Application Serial No. 08/430,971, filed April 28, 1995; PCT/US/05904, filed April 26, 1996; WO 96/33738, published October 31, 1996; European Patent Application No. 96913234.9; patents or applications in Austria, Belgium, Switzerland and Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, and Sweden based on EPA 96913234.9; Canadian Patent Application No. 2,222,283; Australian Patent Application No. 56312/96; and Chinese Patent Application No. 96195070.6; all claims, choses in action, or other rights of recovery, related to past infringement of the said inventions, discoveries, applications and patents; and, the "Intellectual Property" as that term is used in the April 3, 1998 Order of Judge Corradino in *Volvovitz v. Protein Sciences Corporation*, Docket No. CV-97-0057952S (Superior Court, Judicial District of Ansonia/Milford at Milford).

2. Authorize Assignee to file and prosecute patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in

5. Bind my heirs and legal representatives, as well as myself to do, upon Assignee's request and at its expense, but without additional consideration to me, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have affixed my signature.

FRANKLIN VOLVOVITZ

State of Connecticut )  
 ) ss.: Milford  
County of New Haven )

Chloe R. Masterson  
Notary Public

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