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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):

Valeri I. Karlov, Carlos E. Padilla,  
Edward T. Maggio and Frank  
Billingsley

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

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

Structural Bioinformatics, Inc.  
10929 Technology Place  
San Diego, California 92127

Additional name(s) & address(es)  
attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of name  
☐ Other

Execution Date: V. Karlov, 5/22/02; C. Padilla, 5/22/02; E. Maggio, 5/20/02  
F. Billingsley, 5/16/02

## 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):  
10/138,068

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Stephanie L. Seidman  
HELLER EHRMAN WHITE & MCAULIFFE LLP  
4350 La Jolla Village Drive  
7th Floor  
San Diego, CA 92122-1246

6. Total number of Applications and patents involved: 1

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

☒ Enclosed  
☒ Authorized to charge any  
underpayment to deposit account

8. Deposit account Number: 50-1213

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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.

Stephanie L. Seidman  
Name of Person Signing  
Registration No. 33,779

[Signature]  
Signature

July 29, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 9

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PATENT  
REEL: 013152 FRAME: 0105

**A S S I G N M E N T**

I, VALERI I. KARLOV, a citizen of the United States of America, residing at 92 Saint Botolph Street, Boston, Massachusetts 02116, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **STRUCTURAL BIOINFORMATICS, INC.**, a corporation organized under the laws of the State of California, having a principal business address of 10929 Technology Place, San Diego, California 92127, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/138,068 entitled:

**DIAGNOSING INAPPARENT DISEASES FROM COMMON  
CLINICAL TESTS USING BAYESIAN ANALYSIS**

which was filed on May 1, 2002, (applicant's attorney is authorized to enter application number after execution of this document) and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: May 22, 2002

Valeri I. Karlov  
VALERI I. KARLOV

STATE OF Mass )  
COUNTY OF Worcester ) SS.

On May 22, 2002, before me, the undersigned, a notary public for the State of Mass, personally appeared **VALERI I. KARLOV** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Berardino D'Onofrio  
NOTARY PUBLIC  
My commission expires June 20, 2008

[Signature]  
Notary Public

**A S S I G N M E N T**

I, CARLOS E. PADILLA, Ph.D., a citizen of the United States of America, residing at 128 Reed Street, Lexington, Massachusetts 02421-4263, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **STRUCTURAL BIOINFORMATICS, INC.**, a corporation organized under the laws of the State of California, having a principal business address of 10929 Technology Place, San Diego, California 92127, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/138,068 entitled:

**DIAGNOSING INAPPARENT DISEASES FROM COMMON  
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I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 5-22-02


  
CARLOS E. PADILLA, Ph.D.

STATE OF MA )  
COUNTY OF Middlesex ) SS.

On May 22 2002, before me, the undersigned, a notary public for the State of Mass, personally appeared **CARLOS E. PADILLA, Ph.D.** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Berardino D'Onofrio  
NOTARY PUBLIC  
My commission expires June 20, 2008

  
Notary Public

A S S I G N M E N T

I, EDWARD T. MAGGIO, a citizen of the United States of America, residing at 18775 Bernardo Trails Drive, San Diego, California 92128, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **STRUCTURAL BIOINFORMATICS, INC.**, a corporation organized under the laws of the State of California, having a principal business address of 10929 Technology Place, San Diego, California 92127, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/138,068 entitled:

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I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 5/20/02

Edward T. Maggio  
EDWARD T. MAGGIO

STATE OF California )  
COUNTY OF San Diego ) SS.

On May 20, 2002, before me, the undersigned, a notary public for the State of \_\_\_\_\_, personally appeared **EDWARD T. MAGGIO** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.



Carol C. Garan  
Notary Public

**A S S I G N M E N T**

I, FRANK BILLINGSLEY, Ph.D., a citizen of the United States of America, residing at 5938 Wilton Road, Alexandria, Virginia 22310, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **STRUCTURAL BIOINFORMATICS, INC.**, a corporation organized under the laws of the State of California, having a principal business address of 10929 Technology Place, San Diego, California 92127, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/138,068 entitled:

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CLINICAL TESTS USING BAYESIAN ANALYSIS**

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**PATENT**  
**REEL: 013152 FRAME: 0113**