

FAX TO: ASSIGNMENT BRANCH, U.S.P.T.O.

FAX NO.: 571-273-0140

Attorney Docket No. 018651-000710US

Form PTO-1595 (Rev. 03/05)

OMB No. 0651-0027 (exp. 6/30/2005)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**Ekkehard Schuetz  
Leonid Iakoubov  
Howard UrnovitzAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 9/23/05; 10/2/05; 9/23/05

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: Chronix BiomedicalInternal Address: Suite 309Street Address: 1735 N. First StreetCity: San JoseState: CaliforniaCountry: \_\_\_\_\_ Zip: 95112Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/178,246

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Jean M. Lockyer, Ph.D.

Internal Address: \_\_\_\_\_

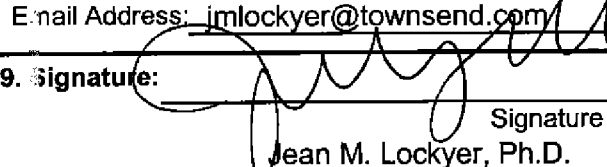
TOWNSEND AND TOWNSEND AND CREW LLPStreet Address: Two Embarcadero Center,  
Eighth FloorCity: San FranciscoState: California Zip: 94111-3834Phone Number: (415) 576-0200Fax Number: (415) 576-0300Email Address: jmlockey@townsend.com**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 20-1430Authorized User Name Townsend andTownsend and Crew LLP**9. Signature:**
  
Signature

October 17, 2005

Date

Jean M. Lockyer, Ph.D.  
Name of Person Signing

Atty. Reg. No. 44,879

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

4

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PATENT

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Attorney Docket No.: 018651-000710US

**ASSIGNMENT OF PATENT APPLICATION****JOINT**

WHEREAS, Ekkehard Schuetz of Rottenanger 30, Gottingen, 37077 Germany; Leonid Yakoubov of 4289 Diavila Avenue, Pleasanton, California 94588; and Howard Urnovitz of 511 Clark Street, Iowa City, Iowa 52240, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **DETECTION OF NUCLEIC ACIDS TO ASSESS RISK  
FOR BOVINE SPONGIFORM ENCEPHALOPATHY**

Date(s) of execution of Declaration:

Filing Date: **July 8, 2005**

Application No.: **11/178,246; and**

WHEREAS, Chronix Biomedical, a corporation of the state of Delaware, located at 1735 N. First Street, Suite 309, San Jose, California 95112, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crow LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Assignment

Attorney Docket No.: 018651-000710US

Page 2 of 2

Dated: September 23, 2005  
Ekkehard Schuetz

SIGNATURE WITNESSED BY:

WITNESS Signature: WITNESS Printed Name: Christoph SensesWITNESS Signature: WITNESS Printed Name: Julia Beck

Dated: \_\_\_\_\_

\_\_\_\_\_  
Leonid Jakoubov

SIGNATURE WITNESSED BY:

WITNESS Signature: \_\_\_\_\_

WITNESS Printed Name: \_\_\_\_\_

WITNESS Signature: \_\_\_\_\_

WITNESS Printed Name: \_\_\_\_\_

Dated: September 23, 2005  
Howard Umovitz

SIGNATURE WITNESSED BY:

WITNESS Signature: WITNESS Printed Name: Christoph SensesWITNESS Signature: WITNESS Printed Name: Julia Beck

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Assignment  
Attorney Docket No.: 018651-000710US  
Page 2 of 2

Dated: \_\_\_\_\_

Ekkehard Schuetz

SIGNATURE WITNESSED BY:

WITNESS Signature: \_\_\_\_\_

WITNESS Printed Name: \_\_\_\_\_

WITNESS Signature: \_\_\_\_\_

WITNESS Printed Name: \_\_\_\_\_

Dated: 10/02/2005

Leonid Iakoubov

SIGNATURE WITNESSED BY:

WITNESS Signature: Olga Iakoubova

WITNESS Printed Name: Olga IAKOUBOVA

WITNESS Signature: Zinaida Klockova

WITNESS Printed Name: Zinaida Klockova

Dated: \_\_\_\_\_

Howard Urovitz

SIGNATURE WITNESSED BY:

WITNESS Signature: \_\_\_\_\_

WITNESS Printed Name: \_\_\_\_\_

WITNESS Signature: \_\_\_\_\_

WITNESS Printed Name: \_\_\_\_\_

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