

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Nicolas G. Bazan	07/01/2008
Dennis Paul	06/18/2008
Carlos Sunkel	06/19/2008
Julio Alvarez-Builla	06/19/2008
The Foundation for the LSU Health Sciences Center	06/17/2008
Louisiana State University Health Sciences Center New Orleans	06/17/2008

**RECEIVING PARTY DATA**

Name:	BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE
Street Address:	3810 West Lakeshore Drive
Internal Address:	115 System Building
City:	Baton Rouge
State/Country:	LOUISIANA
Postal Code:	70808

**PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	10459911
PCT Number:	US0418514

**CORRESPONDENCE DATA**

Fax Number: (225)346-8049  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 225-381-0236  
 Email: Sharon.Claflin@TaylorPorter.com  
 Correspondent Name: Taylor Porter Brooks & Phillips LLP  
 Address Line 1: P.O. Box 2471  
 Address Line 2: Patent Department

OP \$80.00 10459911

Address Line 4: Baton Rouge, LOUISIANA 70821-2471

ATTORNEY DOCKET NUMBER:

BAZAN 9021-14 4286-34121

NAME OF SUBMITTER:

Bonnie J. Davis

**Total Attachments: 18**

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Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

**ASSIGNMENT**

**between**

**NICOLAS G. BAZAN**

**DENNIS PAUL**

**CARLOS SUNKEL**

**JULIO ALVAREZ-BUILLA**

**THE FOUNDATION FOR THE LSU HEALTH SCIENCES CENTER**

**LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER NEW ORLEANS**

**and**

**BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND  
AGRICULTURAL AND MECHANICAL COLLEGE**

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

**THIS ASSIGNMENT** is made

**BETWEEN NICOLAS G. BAZAN** of 478 Broadway Street, New Orleans, Los Angeles 70118, United States of America (hereinafter referred to as “the First Assignor”),

**DENNIS PAUL** of 836 Louisiana Avenue, New Orleans, LA 70115, United States of America (hereinafter referred to as “the Second Assignor”),

**CARLOS SUNKEL** of Calle Amara No. 47, E-28033 Madrid, Spain (hereinafter referred to as “the Third Assignor”),

**JULIO ALVAREZ-BUILLA** of C. Condado de Trecoino a E-28033 Madrid, Spain (hereinafter referred to as “the Fourth Assignor”),

**THE FOUNDATION FOR THE LSU HEALTH SCIENCES CENTER** of 2000 Tulane Avenue, New Orleans, Louisiana 70112, United States of America (hereinafter referred to as “the Fifth Assignor”),

**LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER NEW ORLEANS** of 433 Boliver Street, New Orleans, Louisiana 70112, United States of America (hereinafter referred to as “the Sixth Assignor”), and

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

**BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE** of 3810 Lakeshore Drive, System Building, Suite 115, Baton Rouge, Louisiana 70808, United States of America (hereinafter referred to as “the Assignee”).

**WHEREAS:**

(A) The First, Second, Third and Fourth Assignors are the inventors of an invention (“the invention”) which is the subject matter of US patent application number 10/459,911 filed on 12 June 2003 and international patent application number PCT/US2004/018514 (published as WO 2004/110440 and entitled “Synergistic combinations including N-acylated 4-hydroxyphenylamine derivatives and caffeine”) filed on 10 June 2004.

(B) The Fifth Assignor is the registered applicant of international patent application number PCT/US2004/018514 and European Patent application 04754946.4 which is the European regional phase of PCT/US2004/018514.

(C) The Fifth Assignor purported to assign rights in the invention to the Assignee by assignment document dated 17 March 2005 (a true copy of which is attached as Annex A).

(D) The inventors purported to assign rights in the invention to the Sixth Assignor by assignment documents dated 19 April 2006, 24 April 2006 and 26 April 2006 (true copies of which are attached as Annex B).

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

(E) All the parties hereto wish to ensure that all rights to the invention and any patent applications covering the invention, including all patent applications, all patents, and all other intellectual property rights derived from or claiming priority from US patent application number 10/459,911 (now U.S. Patent No. 7,064,140) or derived from international patent application number PCT/US2004/018514, including European Patent application 04754946.4, Australian Patent application 2004247138, Canadian Patent application 2531829, Japanese Patent application 2006-533699 (now Japanese Patent 2007-503473), are now vested correctly in the name of the Assignee.

(F) All the Assignors wish to ensure that any rights which they may have to the invention and any rights which they may have in patent applications, patents or other intellectual property rights covering the invention, are now fully and properly assigned to the Assignee.

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

**NOW THIS DEED WITNESSETH** as follows:

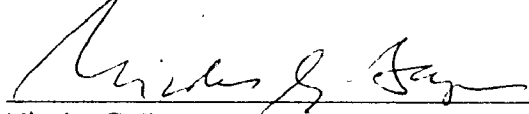
The First, Second, Third, Fourth, Fifth and Sixth Assignors **HEREBY ASSIGN** to the Assignee, all of the rights, title and interest to and in the invention, the patent applications US 10/459,911 (now U.S. Patent No. 7,064,140) or derived from international patent application number PCT/US2004/018514, including European Patent application 04754946.4, Australian Patent application 2004247138, Canadian Patent application 2531829, Japanese Patent application 2006-533699 (now Japanese Patent 2007-503473), and any other patent applications or patents claiming priority therefrom or deriving therefrom **TOGETHER** with any and all associated rights of action, powers and benefits belonging or accrued to the same **TO HOLD** the same unto the Assignee absolutely.

**IN WITNESS** whereof the parties hereto have hereunto set their hands the date as indicated.

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

NICOLAS G. BAZAN



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Nicolas G. Bazan

*July 1, 2008*

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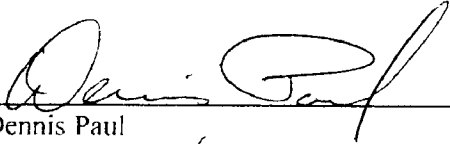
Date



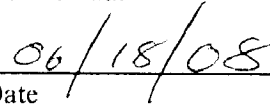
Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

DENNIS PAUL

  
\_\_\_\_\_

Dennis Paul

  
\_\_\_\_\_

Date

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

CARLOS SUNKEL

*Carlos Sunkel*

\_\_\_\_\_  
Carlos Sunkel


*19th June 2008*

\_\_\_\_\_  
Date

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

JULIO ALVAREZ-BUIILA

  
\_\_\_\_\_  
Julio Alvarez-Builla

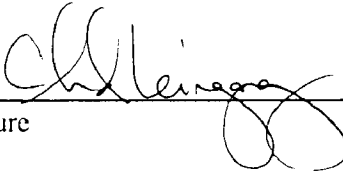
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Date

19th June 2008

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

THE FOUNDATION FOR THE LSU HEALTH SCIENCES CENTER

  
\_\_\_\_\_  
Signature

6/17/08  
\_\_\_\_\_  
Date


Chad Leingang  
\_\_\_\_\_  
Name

President & CEO.  
\_\_\_\_\_  
Capacity

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER NEW ORLEANS

  
\_\_\_\_\_  
Signature

6/17/08  
\_\_\_\_\_  
Date

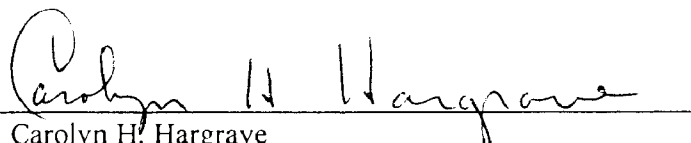
Joseph M. Moerschbaecher, Ph.D  
Vice Chancellor for Academic Affairs  
LSU Health Sciences Center  
\_\_\_\_\_  
Name Room 824, Resource Center  
433 Bolivar Street  
New Orleans, LA 70112

\_\_\_\_\_  
Capacity

Invention described in US 10/459,911 and PCT/US2004/018514 and family members thereof

Signed as a deed by

BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND  
AGRICULTURAL AND MECHANICAL COLLEGE

A handwritten signature in cursive script, reading "Carolyn H. Hargrave", written over a horizontal line.

Dr. Carolyn H. Hargrave  
Vice-President for Academic Affairs  
Louisiana State University System

Date: June 9, 2008

ASSIGNMENT

For good and valuable consideration, the receipt of which is acknowledged, the Foundation for the LSU Health Sciences Center (the "Foundation"), a non-profit corporation organized and existing under the laws of the State of Louisiana, hereby assigns to the Board of Supervisors of Louisiana State University and Agricultural and Mechanical College ("LSU"), a Louisiana public constitutional corporation, all of its rights, title, and interest in each of the following patents and patent applications:

- (a) U.S. Patent No. 5,554,636, entitled "N-Acylated 4-hydroxyphenylamine derivatives with analgesic properties and pharmaceutical compositions containing them," issued September 10, 1996, with named inventors Nicolas G. Bazan and Julio Alvarez-Builla Gomez; and corresponding International Application No. PCT/US96/05456, published as International Publication No. WO 96/32940; Canadian application no. 2,218,664, European application no. 96915332.9, and Japanese application no. B-531944;
- (b) U.S. Patent No. 5,621,110, entitled "Process for preparing N-acylated 4-hydroxyphenylamine derivatives with analgesic properties," issued April 15, 1997, with named inventors Nicolas G. Bazan and Julio Alvarez-Builla Gomez;
- (c) U.S. Patent No. 6,806,291, entitled "Analgesic compounds, their synthesis and pharmaceutical compositions containing them," issued October 19, 2004, with named inventors Carlos Sunkel, Nicolas G. Bazan, Anthony Vaccarino, and Julio Alvarez-Builla; and corresponding U.S. Patent Application Serial No. 10/682,744, filed October 9, 2003; and corresponding International Application No. PCT/US2004/033609, filed October 12, 2004;
- (d) U.S. Patent Application Serial No. 10/459,911, entitled "Synergistic combinations including N-acylated 4-hydroxyphenylamine derivatives with caffeine," filed June 12, 2003, with named inventors Carlos Sunkel, Nicolas G. Bazan, Dennis Paul, and Julio Alvarez-Builla;
- (e) U.S. Patent Application Serial No. 10/292,105, entitled "Synergistic combinations including N-acylated 4-hydroxyphenylamine derivatives," filed November 12, 2002, with named inventors Carlos Sunkel, Nicolas G. Bazan, Dennis Paul, and Julio Alvarez-Builla; published as U.S. Patent Application Publication No. 2004/0092541; and corresponding International Application No. PCT/US2003/036039, filed November 12, 2003, and published as International Publication No. WO 2004/043460.

This assignment also includes any corresponding division, continuation, or continuation-in-part of said applications and patents, and any and all Letters Patent and reissues and extensions thereof, in the United States of America and countries foreign thereto (including the right to apply for Letters Patent in foreign countries in LSU's own name and the right to claim any priority rights for such foreign applications to which such applications are entitled under

international conventions, treaties, or otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by the Foundation had this assignment and transfer not been made.

This assignment of the various patents and patent applications described above includes the right to sue for any past infringements.

In witness whereof and before a notary, the Foundation, through its President and Chief Executive Officer, hereby signs on the day and year set forth below.

WITNESSES

Lisa O'Macaluso

[Signature]

THE FOUNDATION FOR THE LSU  
HEALTH SCIENCES CENTER

By: Florence André  
Florence André, President and Chief Executive  
Officer

Date: March 17, 2005

On this 17<sup>th</sup> day of MARCH, 2005, before me personally appeared Florence André, personally known to me, and known by me to be the person described in and who executed the foregoing instrument; who affirmed that he is fully authorized to execute this instrument on behalf of the Foundation for the LSU Health Sciences Center, and that he executed the same as the free act and deed of the Foundation for the LSU Health Sciences Center, on the day and year aforesaid.

KATHERINE A. HOFFMAN Katherine A. Hoffman  
NOTARY PUBLIC No. 68746 Notary Public  
State of Louisiana  
Louisiana Star Bar #01959  
My Commission is issued for Life. [printed name of notary]  
Notary Registration No. \_\_\_\_\_

{Seal}

My Commission expires at death.



# Annex B

## ASSIGNMENT OF INVENTION

In consideration of the payment by Assignee to Assignors of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors,

Nicolas G. Bazan, M.D., Ph.D., a United States citizen and resident of New Orleans, Louisiana

Dennis Paul, Ph.D., a United States citizen and resident of New Orleans, Louisiana

Julio Alvarez-Builla, Ph.D., a resident of Madrid, Spain and

Carlos Sunkel, Ph.D., a resident of Madrid Spain

do hereby sell, assign, and otherwise transfer forever, to Assignee,

Louisiana State University Health Sciences Center New Orleans, 433 Boliver Street, New Orleans, Louisiana 70112.

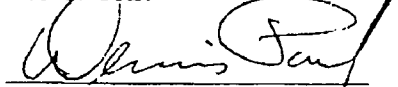
the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled "Synergistic Combinations Including N-Acylated 4-Hydroxyphenylamine Derivatives and Caffeine," and which is found in:

- (1) U.S. Patent Application Serial No. 10/459,911 filed on June 12, 2003; and
- (2) any continuation patent application, continuation-in-part patent applications, divisional patent applications, renewal patent applications, foreign counterpart patent applications of the above identified patent application, or substitutes of the above identified patent application, and as well as to any Letters Patent, any reissue patents or reexamination patents, or any foreign patent equivalents thereof, of the above identified patent application.

Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

Assignors further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to Assignors and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said Invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS:

  
Dennis Paul, Ph.D.

Date: April 19, 2006

ASSIGNMENT OF INVENTION

In consideration of the payment by Assignee to Assignors of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors,

Nicolas G. Bazan, M.D., Ph.D., a United States citizen and resident of New Orleans, Louisiana

Dennis Paul, Ph.D., a United States citizen and resident of New Orleans, Louisiana

Julio Alvarez-Builla, Ph.D., a resident of Madrid, Spain and

Carlos Sunkel, Ph.D., a resident of Madrid Spain

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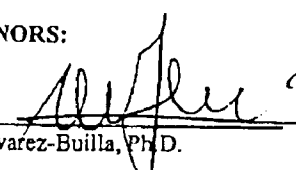
the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled "Synergistic Combinations Including N-Acylated 4-Hydroxyphenylamine Derivatives and Caffeine," and which is found in:

- (1) U.S. Patent Application Serial No. 10/459,911 filed on June 12, 2003; and
- (2) any continuation patent application, continuation-in-part patent applications, divisional patent applications, renewal patent applications, foreign counterpart patent applications of the above identified patent application, or substitutes of the above identified patent application, and as well as to any Letters Patent, any reissue patents or reexamination patents, or any foreign patent equivalents thereof, of the above identified patent application.

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ASSIGNORS:

  
Julio Alvarez-Builla, Ph.D.

Date: 19th April 2006

### ASSIGNMENT OF INVENTION

In consideration of the payment by Assignee to Assignors of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors,

Nicolas G. Bazan, M.D., Ph.D., a United States citizen and resident of New Orleans, Louisiana

Dennis Paul, Ph.D., a United States citizen and resident of New Orleans, Louisiana

Julio Alvarez-Builla, Ph.D., a resident of Madrid, Spain and

Carlos Sunkel, Ph.D., a resident of Madrid Spain

do hereby sell, assign, and otherwise transfer forever, to Assignee,

Louisiana State University Health Sciences Center New Orleans, 433 Boliver Street, New Orleans, Louisiana 70112.

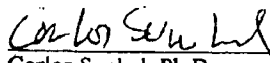
the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled "Synergistic Combinations Including N-Acylated 4-Hydroxyphenylamine Derivatives and Caffeine," and which is found in:

- (1) U.S. Patent Application Serial No. 10/459,911 filed on June 12, 2003; and
- (2) any continuation patent application, continuation-in-part patent applications, divisional patent applications, renewal patent applications, foreign counterpart patent applications of the above identified patent application, or substitutes of the above identified patent application, and as well as to any Letters Patent, any reissue patents or reexamination patents, or any foreign patent equivalents thereof, of the above identified patent application.

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#### ASSIGNORS:

  
\_\_\_\_\_  
Carlos Sunkel, Ph.D.

Date: 24. April 2006

ASSIGNMENT OF INVENTION

In consideration of the payment by Assignee to Assignors of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors,

Nicolas G. Bazan, M.D., Ph.D., a United States citizen and resident of New Orleans, Louisiana

Dennis Paul, Ph.D., a United States citizen and resident of New Orleans, Louisiana

Julio Alvarez-Builla, Ph.D., a resident of Madrid, Spain and

Carlos Sunkel, Ph.D., a resident of Madrid Spain

do hereby sell, assign, and otherwise transfer forever, to Assignee,

Louisiana State University Health Sciences Center New Orleans, 433 Boliver Street, New Orleans, Louisiana 70112.

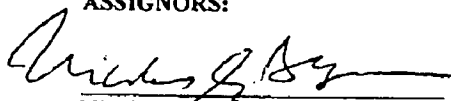
the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled "Synergistic Combinations Including N-Acylated 4-Hydroxyphenylamine Derivatives and Caffeine," and which is found in:

- (1) U.S. Patent Application Serial No. 10/459,911 filed on June 12, 2003; and
- (2) any continuation patent application, continuation-in-part patent applications, divisional patent applications, renewal patent applications, foreign counterpart patent applications of the above identified patent application, or substitutes of the above identified patent application, and as well as to any Letters Patent, any reissue patents or reexamination patents, or any foreign patent equivalents thereof, of the above identified patent application.

Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

Assignors further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to Assignors and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said Invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS:

  
Nicolas G. Bazan, M.D., Ph.D.

Date: Jun 26, 2006

