PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAMA A. ABASSI	12/08/2005
NAICHEN YU	11/17/2005
JOSEPHINE ATIENZA	12/08/2005
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RECEIVING PARTY DATA

Name:	ACEA BIOSCIENCES, INC.
Street Address:	6779 MESA RIDGE ROAD
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City:	SAN DIEGO
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14541024

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NAME OF SUBMITTER:	RAMONA DERYAN
SIGNATURE:	/Ramona DeRyan/
DATE SIGNED:	11/13/2014

Total Attachments: 2

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PATENT REEL: 034168 FRAME: 0586

ASSIGNMENT OF APPLICATION

Docket Number: ACE-00111.P.1-US

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: the undersigned, hereby sells and assigns to <u>ACEA</u> <u>Biosciences Corporation</u> (assignee) their entire right, title and interest in:

- [x] for the United States of America (as defined in 35 U.S.C. § 100),
- [x] and throughout the world.

in the patent application known as <u>Dynamic Monitoring of Activation of G-Protein Coupled Receptor (GPCR)</u> and Receptor Tyrosine Kinase (RTK) in Living Cells Using Real-Time Microelectronic Cell <u>Sensing Technology</u> for which a nonprovisional application for patent in the United States has been filed <u>August 4, 2005</u> (also known as United States Application Number 11/198,831), and in any and all applications thereon including PCT, regional and National Applications, in any and all Letters Patent(s) therefore, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and conversion, divisional and continuation applications thereof, including continuation-in-part applications, to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any conversion, continuing (continuation, divisional, or continuations-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any conversion, continuing (continuation, divisional or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grants David R. Preston, Registration No. 38,710, of DAVID R. PRESTON & ASSOCIATES A.P.C, 12625 High Bluff Drive, Suite 205, San Diego, California 92130, power to insert in this assignment any further identification that may be necessary to desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Yapaa A. Abassi

Najahan

Josephine Atjenza

Xiao Xu

Xiaobo Wang

Date (mm/dd/year)

1417105

Date (mm/dd/year)

Date (mm/dd/year)

12/12/05

Date (mm/dd/year)

12/08/05

Date (mm/dd/year)