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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| Gregory J. Pacofsky | 03/29/2007 |
| Mark J. Suto | 03/29/2007 |
| Paul Christopher Fritch | 03/29/2007 |

RECEIVING PARTY DATA

| Name: | ICAgen, Inc. |
|-----------------|------------------------|
| Street Address: | P. O. Box 14487 |
| City: | Research Triangle Park |
| State/Country: | NORTH CAROLINA |
| Postal Code: | 27709 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11613872 |

CORRESPONDENCE DATA

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Address Line 1: Townsend and Townsend and Crew LLP
Address Line 2: Two Embarcadero Center, 8th Floor

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111-3834

| ATTORNEY DOCKET NUMBER: | 018512-013310US |
|-------------------------|-----------------|
| NAME OF CLIDMITTED. | Kimbarly Basa |

NAME OF SUBMITTER: Kimberly Rosa

Total Attachments: 2

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PATENT REEL: 019113 FRAME: 0531

Attorney Docket No.: 018512-013310US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gregory J. Pacofsky of 510 Polk Street, Raleigh, NC 27604; Mark J. Suto of 13038 Morehead, Chapel Hill, NC 27517; and Paul Christopher Fritch of 10822 Halesworth Drive, Cary, NC 27511, 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:

CALCIUM CHANNEL ANTAGONISTS

Date(s) of execution of Declaration:

Filing Date:

December 20, 2006

Application No.:

11/613,872; and

WHEREAS, Icagen, Inc., a corporation of the state of Delaware, located at P.O. Box 14487, , RTP, NC 27709, 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 Crew 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.

Dated: 29Marsh 200 1

Gregopy J. Page

Dated:

Mark J. Suto

Assignment

Attorney Docket No.: 018512-013310US

Page 2

Dated: 3-29-07

Paul Christopher Fritch

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RECORDED: 04/04/2007