

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3140456

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT              |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                  |
| <b>CONVEYING PARTY DATA</b>   |                             |
| <b>Name</b>   | <b>Execution Date</b>       |
| MATILDE SANCHEZ   | 12/19/2012                  |
| WILLIAM R. SHANAHAN   | 12/18/2012                  |
| <b>RECEIVING PARTY DATA</b>   |                             |
| <b>Name:</b>  | ARENA PHARMACEUTICALS, INC. |
| <b>Street Address:</b>  | 6166 NANCY RIDGE DRIVE      |
| <b>City:</b>  | SAN DIEGO                   |
| <b>State/Country:</b>   | CALIFORNIA                  |
| <b>Postal Code:</b>   | 92121                       |
| <b>PROPERTY NUMBERS Total: 2</b>  |                             |
| <b>Property Type</b>  | <b>Number</b>               |
| <b>Application Number:</b>  | 14002235                    |
| <b>Application Number:</b>  | 14242442                    |
| <b>CORRESPONDENCE DATA</b>  |                             |
| <b>Fax Number:</b>  | (314)685-2300               |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                             |
| <b>Phone:</b>   | (314)812-8020               |
| <b>Email:</b>   | admin@globalpatentgroup.com |
| <b>Correspondent Name:</b>  | GLOBAL PATENT GROUP, LLC    |
| <b>Address Line 1:</b>  | 1005 NORTH WARSON ROAD      |
| <b>Address Line 2:</b>  | SUITE 404                   |
| <b>Address Line 4:</b>  | ST. LOUIS, MISSOURI 63132   |
| <b>ATTORNEY DOCKET NUMBER:</b>  | AREN0216-504-US             |
| <b>NAME OF SUBMITTER:</b>   | DENNIS A. BENNETT           |
| <b>SIGNATURE:</b>   | /Dennis A. Bennett/         |
| <b>DATE SIGNED:</b>   | 12/10/2014                  |
| <b>Total Attachments: 3</b>   |                             |
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| source=Executed Assignment from Parent#page2.tif  |                             |
| source=Executed Assignment from Parent#page3.tif  |                             |

ASSIGNMENT

For valuable consideration, we, Matilde SANCHEZ, of 6331 River Downs Road, Alexandria, VA 22312; and William R. SHANAHAN, of 4948 Rancho Viejo Drive, Del Mar, CA 92014; hereby assign to: Arena Pharmaceuticals, Inc., a Delaware corporation having a place of business at: 6166 Nancy Ridge Drive, San Diego, CA 92121; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a Patent Cooperation Treaty application entitled METHOD OF WEIGHT MANAGEMENT, filed on October 9, 2012, and assigned Serial Number 61/711,413; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 12/19/12

Matilde Sanchez  
Matilde SANCHEZ

State of VA

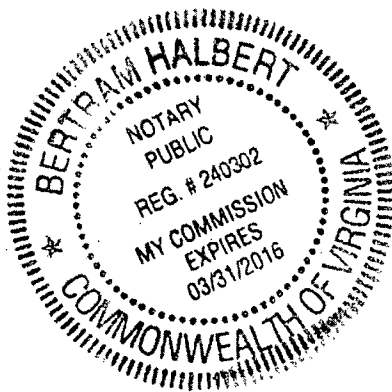
County of FAIRFAX

On DEC 19, 2012 before me, BERTRAM HALBERT,  
personally appeared Matilde SANCHEZ,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Bertram Halbert  
Signature of Notary Public

DATE: 18 Dec 12

William R. SHANAHAN

State of California )

County of San Diego )

On 12/18/2012 before me, Tyler Booth, Notary Public,  
personally appeared William R. SHANAHAN,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Tyler Booth  
Signature of Notary Public

