

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Zhi-Liang Chu</td><td>05/06/2008</td></tr><tr><td>James N. Leonard</td><td>05/06/2008</td></tr></tbody></table>	Name	Execution Date	Zhi-Liang Chu	05/06/2008	James N. Leonard	05/06/2008					
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James N. Leonard	05/06/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Arena Pharmaceuticals, Inc.</td></tr><tr><td>Street Address:</td><td>6166 Nancy Ridge Drive</td></tr><tr><td>City:</td><td>San Diego</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92121</td></tr></table>	Name:	Arena Pharmaceuticals, Inc.	Street Address:	6166 Nancy Ridge Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11989037</td></tr></tbody></table>	Property Type	Number	Application Number:	11989037							
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Application Number:	11989037										
CORRESPONDENCE DATA											
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (212) 765-5070											
Email: brennan@fr.com											
Correspondent Name: Jack Brennan											
Address Line 1: FISH & RICHARDSON P.C.											
Address Line 2: P.O.BOX 1022											
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022											
ATTORNEY DOCKET NUMBER:	22578-0015US1										
NAME OF SUBMITTER:	Carol Tyrrell										
Total Attachments: 3 source=225780015US1Assignment#page1.tif source=225780015US1Assignment#page2.tif											

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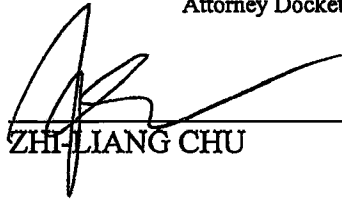
PATENT  
REEL: 021683 FRAME: 0108



ASSIGNMENT

For valuable consideration, we, Zhi-Liang Chu, of 11489 Creekstone Lane, San Diego, CA 92128; James N. Leonard, of 10667 Viacha Drive, San Diego, CA 92124; hereby assign to ARENA PHARMACEUTICALS, INC., a corporation of Delaware, 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 an application for United States Patent signed by us, entitled METHODS OF USING THE GPR119 RECEPTOR TO IDENTIFY COMPOUNDS USEFUL FOR INCREASING BONE MASS IN AN INDIVIDUAL, filed January 19, 2008, and assigned U.S. Serial Number 11/989,037, 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: 5/6/08

  
\_\_\_\_\_  
ZHI-LIANG CHU

State of California )

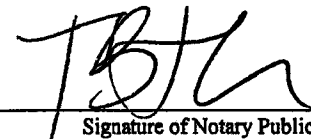
County of San Diego )

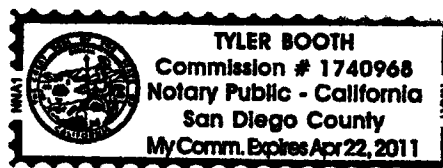
On 5-6-08 before me, Tyler Booth, Notary Public,  
personally appeared Zhi-Liang Chu,

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.

  
\_\_\_\_\_  
Signature of Notary Public



DATE: 5-6-08

  
 JAMES N. LEONARD

State of California )

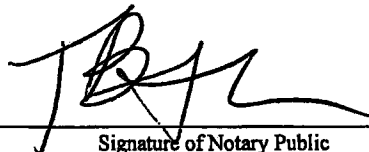
County of San Diego )

On 5-6-08 before me, Tyler Booth, Notary Public,  
 personally appeared James N. Leonard,

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.

  
 Signature of Notary Public

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