

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 1133.052US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dennis A. Carson, Howard B. Cottam, Guangyi Jin,  
Christina C.N. Wu, Suzanne Grimshaw, representative  
for Kenji Takabayashi, deceased

Additional name(s) of conveying party(ies) attached?

[ ] Yes [X] No

3. Nature of conveyance:

- Assignment       Merger
- Security Agreement  Change of Name
- Other

Execution Date: October 30, 2009, October 30, 2009,  
November 2, 2009, October 30, 2009, , February 4, 2009

2. Name and address of receiving party(ies):

Name: The Regents of The University of California

Street Address: Office of Technology Transfer  
1111 Franklin Street, 12th Floor

City: Oakland State: CA Zip: 94607-5200  
Country: United States of America

Additional name(s) & address(es) attached? [ ] Yes  
[X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 12/302,738, filed December 17, 2010

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Janet E. Embretson

Address:  
Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over  
payments to our Deposit Account No.: 19-0743

**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.

Janet E. Embretson/Reg. No. 39,665  
Name of Person Signing



October 30, 2013  
Date

Total number of pages including cover sheet: 8

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Mail Stop Assignment Recordation Services**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

CH \$40.00 190743 12302738

**PATENT**

2013-04-16

**ASSIGNMENT**

WHEREAS, We, Dennis A. Carson, residing at 9672 Claiborne Square, La Jolla, CA 92037, and Howard B. Cottam, residing at 3144 Willow Creek Place, Escondido, CA 92027, and Guangyi Jin, residing at 9565 Genesee Avenue #E2, San Diego, CA 92121, and Christina C.N. Wu, residing at 2392 Douglaston Glen, Escondido, CA 92026, and Suzanne Grimshaw (representative for Kenji ~~Takabashi~~, deceased), residing at 16272 Summer Sage Road, Poway, CA 92064, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on November 26, 2008, which application was assigned U.S. patent application serial number 12/302,738, and is entitled PURINE ANALOGS;

Takabayashi

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to The Regents of The University of California (the "Assignee"), a corporation of the State of California, having a place of business at Office of Technology Transfer, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

**Additional Application Information**

*U.S. Provisional Application Serial No. 60/810,184, filed on May 31, 2006.*

*No U.S. Non-Provisional claim for priority is being made at this time.*

*International Application Serial No. PCT/US2007/009840, filed on April 23, 2007.*

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

**ASSIGNMENT**

Client Ref. No. SD2006-A46-1US  
Assignors: Dennis A. Carson et al.  
Title: PURINE ANALOGS  
Page 2 of 7

Docket No: 1133.052US1

Serial Number: 12/302,738

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

**PATENT****REEL: 031550 FRAME: 0301**

**ASSIGNMENT**

Client Ref. No. SD2006-A46-1US  
Assignors: Dennis A. Carson et al.  
Title: PURINE ANALOGS  
Page 3 of 7

Docket No: 1133.052US1

Serial Number: 12/302,738

**Inventor: 1:**

(Signature): *Dennis A Carson*  
Name: **Dennis A. Carson**

Date: OCT 30 2009

STATE OF CALIFORNIA)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_, day of \_\_\_\_\_, 2009 before me,  
\_\_\_\_\_, personally appeared Dennis A. Carson, who proved to  
me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he executed the same in his authorized capacity, and that  
by his signature on the instrument the person, or the entity upon behalf of which the person 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.

[SEAL]

\_\_\_\_\_  
Notary Public

ASSIGNMENT  
Client Ref. No. SD2006-A46-1US  
Assignors: Dennis A. Carson et al.  
Title: PURINE ANALOGS  
Page 4 of 7

Docket No: 1133.052US1  
Serial Number: 12/302,738

**Inventor: 2:**

(Signature): *Howard B. Cottam*  
Name: **Howard B. Cottam**

Date: OCT. 30, 2009

STATE OF CALIFORNIA)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_, day of \_\_\_\_\_, 2009 before me,  
\_\_\_\_\_, personally appeared Howard B. Cottam, who proved to  
me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he executed the same in his authorized capacity, and that  
by his signature on the instrument the person, or the entity upon behalf of which the person 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.

[SEAL]

\_\_\_\_\_  
Notary Public



TO: Jennie Williams, Mailcode 0910

ASSIGNMENT  
Client Ref. No. 982006-446-1129  
Assignors: Dennis A. Carson et al.  
Title: FLUIDIC ANALOGS  
Page 2 of 7

DocId: No. 1125.0521351  
Serial Number: 12302738

Inventor; 3:

(Signature): Guangyi Jin  
Name: Guangyi Jin

Date: November 2, 2009

STATE OF CALIFORNIA)

COUNTY OF Berkeley)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me:

\_\_\_\_\_ personally appeared Guangyi Jin, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

[SEAL]

Notary Public

**ASSIGNMENT**

Client Ref. No. SD2006-A46-1US  
Assignors: Dennis A. Carson et al.  
Title: PURINE ANALOGS  
Page 6 of 7

Docket No: 1133.052US1

Serial Number: 12/302,738

**Inventor: 4:**

(Signature):   
Name: **Christina C.N. Wu**

Date: Oct 30, 2009

STATE OF CALIFORNIA)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_, day of \_\_\_\_\_, 2009 before me,  
\_\_\_\_\_, personally appeared Christina C.N. Wu, who proved to  
me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he executed the same in his authorized capacity, and that  
by his signature on the instrument the person, or the entity upon behalf of which the person 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.

[SEAL]

\_\_\_\_\_  
Notary Public

ASSIGNMENT

Client Ref. No. SD2006-A46-IUS  
Assignors: Dennis A. Carson et al.  
Title: PURINE ANALOGS  
Page 7 of 7

Docket No: 1133.052US1

Serial Number: 12/302,738

**Inventor: 6:**

(Signature): *Suzanne Grimshaw* Takabayashi <sup>1.1.9.</sup>  
Name: Suzanne Grimshaw (representative for Kenji Takabayashi, deceased) 04 Feb 2010

Date: 04 February 2010

STATE OF CALIFORNIA)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_, day of \_\_\_\_\_, 2009 before me,  
\_\_\_\_\_, personally appeared Suzanne Grimshaw (representative  
for Kenji Takabayashi, deceased), who proved to me on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within instrument and acknowledged to me that he  
executed the same in his authorized capacity, and that by his signature on the instrument the  
person, or the entity upon behalf of which the person 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.

[SEAL]

\_\_\_\_\_  
Notary Public

