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Atty Ref/Docket No.: 1133.046US1

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, Wolfgang
Wrasidlo, Christina C.N. Wu, Gregory A. Daniels

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

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: February 14, 2008, February 14, 2008,
February 14, 2008, February 14, 2008, February 14,
2008

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, 5th Floor

City: Oakland State: CA Zip: 94607-5200Country: 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)

B. Patent No.(s)

Serial No. 12/027,960, filed February 7, 2008

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

[] Enclosed

[X] 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

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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

Signature

April 15, 2010
Date

Total number of pages including cover sheet: 7

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

Commissioner of Patents and Trademarks
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Alexandria, VA 22313-1450

700434732

PATENT
REEL: 024243 FRAME: 0542

CH \$40.00 190743 12027960

2007-161-2

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 Wolfgang Wrasidlo, residing at 1849 Caminito Brisa, La Jolla, CA 92037, and Christina C.N. Wu, residing at 2392 Douglaston Glen, Escondido, CA 92026, and Gregory A. Daniels, residing at La Jolla, CA, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 7, 2008, which application was assigned U.S. patent application serial number 12/027,960, and is entitled CONJUGATES OF TLR AGONISTS:

AND WHEREAS, Regents of the University of California, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1111 Franklin Street, 5th Floor, Oakland, California, 94607-5200 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of

FEBRUARY, 2008.



Dennis A. Carson

STATE OF _____)
)ss
COUNTY OF _____)


On this _____ day of _____, 2008 before me personally appeared Dennis A. Carson, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 14TH day of
February, 2008.



Howard B. Cottam

STATE OF _____)
_____) ss
COUNTY OF _____)

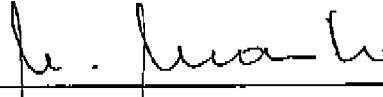
On this _____ day of _____, 2008 before me personally appeared Howard B. Cottam, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of
February, 2008.



Wolfgang Wrasidlo

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2008 before me personally appeared Wolfgang Wrasidlo, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of
FEBRUARY, 2008.



Christina C. Wu

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2008 before me personally appeared Christina C. Wu, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of

February, 2008.



Gregory A. Daniels

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2008 before me personally appeared Gregory A. Daniels, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

