| Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
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| RECORDATION FORM COVER SHEET | |
| PATENTS ONLY | |
| To the Director of the U.S. Patent and Trademark Office: Plea | se record the attached documents or the new address(es) below. |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) |
| Guoquan Wang Jayson M. Rieger | Name: Adenosine Therapeutics, LLC |
| Robert D. Thompson | Internal Address: |
| Additional name(s) of conveying party(ies) attached? 🗹 Yes 🛄 No | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: <u>310 4th Street NE, Suite 201</u> |
| Execution Date(s) May 1, 2008 | |
| Assignment Merger | |
| Security Agreement Change of Name | City: <u>Charlottesville</u> |
| Joint Research Agreement | State: Virginia |
| Government Interest Assignment | Country: US Zip:22902-5299 |
| Executive Order 9424, Confirmatory License | 2.p. <u>2202-0205</u> |
| Other | Additional name(s) & address(es) attached? Yes Vo |
| 11/956,876 Additional numbers a | ttached? Yes VNo |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Name:Kelly Hollowell | 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 |
| Internal Address: | Authorized to be charged by credit card |
| | Authorized to be charged to deposit account |
| Street Address: 222 Central Park Avenue, Suite 1700 | |
| | None required (government interest not affecting title) |
| City: Virginia Beach | 8. Payment Information |
| State: <u>Virginia</u> Zip:23462 | a. Credit Card Last 4 Numbers |
| Phone Number: 757-499-8800 | Expiration Date |
| Fax Number: <u>757-473-0395</u> | b. Deposit Account Number <u>50-0766</u> |
| Email Address: <u>khollowell@williamsmullen.com</u> | Authorized User Name |
| 9. Signature: Kollowel | |
| Signature | <u>May 30, 2008</u> Date |
| Kelly Hollowell | Total number of pages including cover |
| Name of Person Signing | sheet, attachments, and documents: |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Williams Mullen Docket No. 029514.0100

Please return signed/recorded to: Kelly Hollowell, JD, PhD Williams Mullen, PC 222Central Park Avenue, Suite 1700 Virginia Beach, VA 23462

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, the undersigned, to wit:

<u>Guoquan Wang</u>, Jayson M. Rieger, and <u>Robert D. Thompson</u>, (hereinafter ASSIGNORS), have made certain new and useful inventions and improvements for which we have been named inventors on application for:

X U.S. patent application filed in the United States Patent and Trademark Office on December 14, 2007 titled Substituted 8-Heteroaryl Xanthines, US Application No. <u>11/956,876</u>.

AND WHEREAS, <u>ADENOSINE THERAPEUTICS LLC (a Virginia Corporation)</u> (hereinafter ASSIGNEE), of <u>310 4th Street NE</u>, <u>Suite 201</u>, <u>Charlottesville</u>, <u>Virginia 22902</u>, is desirous of obtaining the entire right, title and interest in and to the inventions, improvements, and the applications and any Patents that may issue therefrom.

NOW THEREFORE, pursuant to contractual obligations heretofore assumed by us and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives ASSIGNORS' entire right, title, and interest in and to the inventions, improvements, and applications and all patents that may be granted therefrom throughout the world, including the right to file additional applications and obtain patents, utility models, industrial models and designs for the inventions and improvements in ASSIGNEE's own name throughout the world, all rights to publish cautionary notices reserving ownership of the inventions and improvements and all rights to register the inventions and improvements in appropriate registries; and including the right, title and interest in all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks or similar appropriate authority to issue all patents for the inventions and improvements, or patents resulting therefrom, insofar as ASSIGNORS' interest is concerned, to the ASSIGNEE of ASSIGNORS' entire right, title and interest.

ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to

PATENT REEL: 021031 FRAME: 0743 perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby further agree to communicate with the ASSIGNEE, or its successors, assigns and legal representatives, any facts known to ASSIGNORS respecting any improvements; and, at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for the inventions and improvements in all countries.

ASSIGNORS hereby grant the firm of WILLIAMS MULLEN, PC its agents the power to insert on this assignment any further identification, including but not limited to application numbers and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office or other country or regional patent office for the purposes of recording this document.

Executed on the date(s) below indicated:

h yay

5/1/2008

Guoquan Wang

Date

STATE OF Vingin)) CITY/COUNTY OF ______)

The foregoing instrument was acknowledged before me, <u>Source (Million</u>, Notary Public, this <u>/st</u> day of <u>May</u>, 2008, by <u>Googram Wang</u> [signatory], who is personally known to me. <u>Googram Wang</u> [signatory] voluntarily acknowledged this instrument.as <u>of ______</u> <u>_, on</u> _____ [corporation, limited liability company, etc.]. - behalf of the ____

Notary Public

Registration Number:

My commission expires:

7/0/43/

June 30 2011



reproducible)

PATENT REEL: 021031 FRAME: 0745

lup Jayson M. Rieger

<u>Mag 1, 2008</u> Date

STATE OF Virginia)) CITY/COUNTY OF Alsena, le)

| The foregoing instrument was acknowledged before me, <u>Souce (Mills</u> ,, |
|--|
| Notary Public, this 1st day of /nay , 2008, by Jayon Riegor |
| [signatory], who is personally known to me. <u>Sayan Riege</u> [signatory] voluntarily |
| acknowledged this instrument as of, on |
| behalf of the [corporation, limited liability company, etc.]. |

Notary Public 7/0/43/ **Registration Number:** 01 My commission expires: June 30, 2011 Notary Seal (sharp, legible, photographically

reproducible)

)

Robert D. Thompson

61/08

Date

STATE OF <u>Vinia</u>)) CITY/COUNTY OF Albera le)

| The foregoing instrument was acknowledged before me, <u><i>Sver(M</i>4</u> , |
|--|
| Notary Public, this 1st day of 1my , 2008, by Rolof Ranges, |
| [signatory], who is personally known to me. <u>R.1.1.7 Theorem</u> [signatory] voluntarily |
| acknowledged this instrument as of, on |
| behalf of the [corporation, limited liability company, etc.]. |
| |

Notary Public

Registration Number:

My commission expires:

June 30, 2011

710 1431

Notary Seal (sharp, legible, photographically

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