# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT** NATURE OF CONVEYANCE: **ASSIGNMENT** 

# **CONVEYING PARTY DATA**

Name	Execution Date
Adenosine Therapeutics, LLC	08/20/2008

# RECEIVING PARTY DATA

Name:	PGxHealth, LLC
Street Address:	One Gateway Center, Suite 702
City:	Newton
State/Country:	MASSACHUSETTS
Postal Code:	02458

# PROPERTY NUMBERS Total: 51

Property Type	Number
Application Number:	10923592
Application Number:	11956876
Application Number:	12049801
Application Number:	11803312
Application Number:	60559159
Application Number:	11097251
Application Number:	60794843
Application Number:	60747625
Application Number:	11804165
Application Number:	60805030
Application Number:	60805564
Application Number:	11811823
Application Number:	60656105
Application Number:	11362393
Application Number:	60656087
	DATENT

PATENT

Application Number:	11362387
Application Number:	60656104
Application Number:	11362390
Application Number:	60656086
Application Number:	11362392
Application Number:	60807545
Application Number:	11879133
Application Number:	60711422
Application Number:	11510632
Application Number:	60824316
Application Number:	11897678
Application Number:	60925736
Application Number:	12102185
Application Number:	61015303
Application Number:	61019912
Application Number:	61014134
Application Number:	61046568
Application Number:	60885489
Application Number:	12014949
Application Number:	61075096
Application Number:	11975080
Application Number:	60471643
Application Number:	10848403
PCT Number:	US0427133
PCT Number:	US0511078
PCT Number:	US0712043
PCT Number:	US0713849
PCT Number:	US0606748
PCT Number:	US0606745
PCT Number:	US0606838
PCT Number:	US0606746
PCT Number:	US0716164
PCT Number:	US0719266
PCT Number:	US0860304
PCT Number:	US0800549

PCT Number:	US0415783		
-------------	-----------	--	--

### CORRESPONDENCE DATA

Fax Number: (617)965-0445

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-527-9933

Email: KPorzelt@CLDA.com

Correspondent Name: Kathleen Porzelt

Address Line 1: One Gateway Center, Suite 702
Address Line 4: Newton, MASSACHUSETTS 02458

## NAME OF SUBMITTER:

David H Vance

### **Total Attachments: 9**

source=ATL-PGxHealth\_Asset\_Assignment-redacted#page1.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page2.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page3.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page4.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page5.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page6.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page7.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page8.tif source=ATL-PGxHealth\_Asset\_Assignment-redacted#page9.tif

PATENT

# PATENT ASSIGNMENT AGREEMENT

WHEREAS, ADENOSINE THERAPEUTICS, L.L.C., a Virginia limited liability company (hereinafter referred to as "Assignor") has agreed that it will assign to Assignee (defined below) all of its right, title and interest in and to all of the patents and patent applications listed or described in Schedule 1 attached hereto and incorporated herein by reference; and

WHEREAS, PGX HEALTH, LLC, a Delaware limited liability company (hereinafter referred to as "Assignee") and a wholly-owned subsidiary of Clinical Data, Inc., a Delaware Corporation, is desirous of acquiring all rights, title, and interest in and under the Intellectual Property (as defined below).

Now, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor assigns and transfers to Assignee's legal representatives, successors and assigns all of its right, title and interest to those patents and applications identified as such in Schedule 1 hereto, and (i) all U.S. and foreign patents and patent applications that claim priority to such identified patents and applications and all U.S. and foreign patents and applications to which such identified patents and applications relate or claim priority, directly or indirectly, (ii) any provisionals, continuations, continuations-in-part, divisionals, reissue applications, re-examinations, substitutions, extensions, foreign counterparts, Patent Cooperation Treaty applications, or derivatives of any of the foregoing, both foreign and domestic, which have or may be filed, (iii) all patents (including, but not limited to reissues and re-examinations) which may be granted on the applications set forth in (i) and (ii) above, and (iv) all patentable inventions, in the U.S. and every foreign country, described or embodied in any of the foregoing, (the "Intellectual Property") and does hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee in accordance with the terms of this assignment document. Such full and exclusive rights shall include, without limitation, the right to sue upon and otherwise enforce the Intellectual Property and to recover all past damages and other potential relief arising from infringement of the Intellectual Property assigned by this agreement.

ASSIGNOR HEREBY AUTHORIZES Assignee and its attorney of record to insert on this assignment document, including Schedule 1, any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office and/or any foreign patent office for recordation of this document and Assignor hereby authorizes and requests the United States Patent and Trademarks Office to issue said Letter Patents in accordance with this agreement.

UPON SAID CONSIDERATION, Assignor conveys to Assignee the right to make application in its own behalf for protection of the Intellectual Property in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

IN WITNESS WHEREOF, Assignor has caused one of its authorized representatives to hereunder set his hand on the date shown below and Assignee has caused one of its officers to hereunder set his hand on the date shown below to signify its acceptance of this assignment.

[Signature page follows]

PATENT REEL: 022075 FRAME: 0737

1

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment Agreement to be signed by its duly authorized officer as of August 20, 2008.

ASSIGNOR
ADENOSINE THERAPEUTICS, L.L.C.  By:  Name: Robert S. Capon  Title: Chief Executive Officer
ASSIGNEE
PGx Health, LLC
By: Cogenics, Inc. (its Sole Member)
By: Name: Caesar J. Belbel Title: Executive Vice President, Chief Legal Officer and Secretary

Communable
State of Yinging )
State of Virginia  City Country of Un-literville  ) ss.
On August 2014, 2018, before me, 5050p (Millin, Notary Public, personally
appeared Robert S. Capia, personally known to me or 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.
WITNESS my hand and official seal.  Notice ID 7101431  Signature of Notary Public
My Commission Expires: 500, 30 20//

IN WITNESS WHEREOF, Assignor has signed by its duly authorized officer as of Aug	s caused this Patent Assignment Agreement to be ust, 2008.
<u>A</u>	SSIGNOR
A	DENOSINE THERAPEUTICS, L.L.C.
	y: fame: Robert S. Capon
	itle: Chief Executive Officer
<u>A</u>	SSIGNEE
P	GX HEALTH, LLC
В	y: Cogenics, Inc. (its Sole Member) y:
	ame: Caesar J. Belbel itle: Executive Vice President, Chief Legal Officer and Secretary
State of <u>Massachuse HS</u> )  ss.	
County of Middle sex	
On August Y, 2008, before me, Kattappeared Caesae J. Belbel	
satisfactory evidence, to be the person(s) whose name(s to me that he/she/they executed the same in his/her/thei	) is/are subscribed to the within instrument and acknowledged rauthorized capacity(ies), and that by his/her/their
	y upon behalf of which the person(s) acted, executed the

WITNESS my hand and official seal.

My Commission Expires: Feb. 7, 2014

Signature of Notary Public

PATENT

Place Notary Seal Above

# Seller Patents handled by Williams Mullen

Ctry Type Status  AB XP2 PEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Report XP2 PEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Report XP2 PEN Substituted 8 - Heteroaryl Xanthines Report XANTHINES PEN Substituted 8 - Heteroaryl Xanthines PEN Substituted 8 - He	03/24/06	Substituted 8 Heteroaryl Xanthines	PEN	ХÞ2	RU		029514,0036
AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  ALU XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  ALU XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  LL XP2 PEN Substituted 8 - Heteroaryl Xanthines  LR XP2 PEN Substituted 8 - Heteroaryl Xanthines	08/20/04	Substituted 8 Heteroaryl Xanthines	EXP	PCT	§ o	ATL-002-PCT	029544-0045
AR XP2 PEN Substituted 8 - Heteroaryl Xanthines  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  LIL XP2 PEN Substituted 8 - Heteroaryl Xanthines	03/03/06 03/03/06	Substituted 8-Heteroaryl Xanthines	PEN	ZeX	<b>%</b>	ATI 002 NA	029514 0046
AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AU XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  ED XP2 PEN Substituted 8 - Heteroaryl Xanthines  LL XP2 PEN Substituted 8 - Heteroaryl Xanthines	02/24/00	Substituted 8 - Heteroaryl Xanthines	PEN	XP2	MX	ATT 002-MX	029514.0035
Ctry Type Status  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  ALL XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  CN XP2 PEN Substituted 8 - Heteroaryl Xanthines  ED XP3 PEN Substituted 8 - Heteroaryl Xanthines  LIK XP2 PEN Substituted 8 - Heteroaryl Xanthines	02/24/08	8 - Heteroaryl Xar	702	XP2	<b>F</b>	ATE 002 KR	099544 0034
Att XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  Att XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  CA XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 BEN Substituted 8 - Heteroaryl Xanthines  ED XP2 BEN Substituted 8 - Heteroaryl Xanthines  LHK XP2 BEN Substituted 8 - Heteroaryl Xanthines	2005-524755 0 <del>212710</del> 6	Substituted 8 - Heteroaryl Xanthines		XP2	Þ	ATL-602-JR	029514 0042
Ctry Case Type Status E Short Title  AR XP2 PEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AU XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines  CN XP2 PEN Substituted 8 - Heteroaryl Xanthines  EP XP3 PEN Substituted 8 - Heteroaryl Xanthines	1014/CHENP/2406 08/24/06	Substituted 8 - Heteroand Xanthines		ХРЭ	F	A-1-002-1N	629514 0041
Ctry Type Status  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  ALL XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 BEN Substituted 8 - Heteroaryl Xanthines  CN XP2 BEN Substituted 8 - Heteroaryl Xanthines	02/4-4/06	Substitutee 8 - Heteroaryl Xanthines	PEN	XP2	F	M=1-802-II	029514.0040
Ctry Case Type Status E Short Title  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AU XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 BEN Substituted 8 - Heteroaryl Xanthines  CA XP2 BEN Substituted 8 - Heteroaryl Xanthines	4/3/07	190			F	ATI-002-HK	029514 0069
Ctry Case Type Status  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AU XP2 BEN Substituted 8 - Heteroaryl Xanthines  BR XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines	02/44/06	Substituted 8 - Heteroaryl Xanthines		XP2	G	ATL-002-EP	029514 0044
Ctry Case Type Status  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AU XP2 BEN Substituted 8 - Heteroaryl Xanthines  BR XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Substituted 8 - Heteroaryl Xanthines	04/24/06	Substituted 8 - Heteroap   Xanthines		188		AFL DOZ-CN	029514 0043
Ctry Case Type Status E Short Title  AR XP2 PEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  AU XP2 PEN Substituted 8 - Heteroaryl Xanthines  BR XP2 PEN Substituted 8 - Heteroaryl Xanthines	02/22/06	8 - Heteroaryl Xani		XP2	\$	ATI-002-CA	029514-0038
Ctry Case Type Status Short Title  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions  Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions	02/24/06	- Heteroaryl Xan	PEN	XD2	B	ATL-002-BB	9295/4,0097
Ctry Case Status Short Title  AR XP2 BEN Substituted 8 - Heteroaryl Xanthines Pharmaceutical Compositions	03/03/06	Substituted 8 - Heteroaryl Xanthines	PEN	XP2	<b>A</b> L	ATL-002-AU	0295 14:0039
Ctry Case Status & Short Title	08/25/04		REN	XP2	AR	ATL 002 AR	029514 0045
	App. No. App Date		Status	Case Type	Ctry	Seller File No.	WM File No.

Š
퉛
ğ
leg
Ā
age
9

SC XP2 PEN Substituted 8 - Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  20 US CONT PEN Selective Antagonists A2A Adenosine Receptors	60/559,159 04/02/04	Provisional 1 - Selective Antagonists A2A Adenosine Receptors	CLD	PRO	SU	ATL-003-PR	029514.0049
Selective Antagonists A2A Adenosine Receptors  LYP2 PEN Selective Antagonists A2A Adenosine Receptors	04/04/05 04/04/05	Selective Antagonists A2A Adenosine Receptors	EXP	РСТ	WO	ATL-003-PCT	029514.0019
Se XP2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  ON XP2 PEN Substituted 8 - Heteroaryl Xanthines  CN XP2 PEN Selective Antagonists A2A Adenosine Receptors  US CONT PEN Selective Antagonists A2A Adenosine Receptors  US CNT ABD Selective Antagonists A2A Adenosine Receptors  HIL XP2 PEN Selective Antagonists A2A Adenosine Receptors	10102106	Selective Antagonists A2A Adenosine Receptors	PIEN	XP2	ħ	ALE SOCIETY	029544 0020
Selective Antagonists A2A Adenosine Receptors  LEP XP2 PEN Selective Antagonists A2A Adenosine Receptors	09/25/06	Selective Antagonists A2A Adenosine Receptors	PEN	XP2	7	A41-008-IN-	029514.0018
Se XP2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  AU XP2 PEN Selective Antagonists A2A Adenosine Receptors  CA XP2 PEN Selective Antagonists A2A Adenosine Receptors  US CONT PEN Selective Antagonists A2A Adenosine Receptors  US CONT PEN Selective Antagonists A2A Adenosine Receptors	09/28/06	Selective Antagonists A2A Adenosine Receptors	R	XP2	5	ATE-003-II	020514.0027
Se XP2 PEN ESubstituted 8 - Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  ZA XP2 PEN Substituted 8 - Heteroaryl Xanthines  ZA XP2 PEN Substituted 8 - Heteroaryl Xanthines  CN XP2 PEN Substituted 8 - Heteroaryl Xanthines  CN XP2 PEN Selective Antagonists A2A Adenosine Receptors  US CONT PEN Selective Antagonists A2A Adenosine Receptors  US CNT ABD Selective Antagonists A2A Adenosine Receptors	6/1881.17	Selective Antagonists A2A Adenosine Receptors		XP2	F	ATI -003-上八	029514.0068
Se XP2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Selective Antagonists A2A Adenosine Receptors  CN XP2 PEN Selective Antagonists A2A Adenosine Receptors  US CONT PEN Selective Antagonists A2A Adenosine Receptors	14/17/06	Selective Antagonists A2A Adenosine Receptors	PES	ZeX	B	ATL-003-EP	029514.0023
Signature Status  Signature St	11/803,312 5/14/07	Selective Antagonists A2A Adenosine Receptors	ABD	CNT	SU	ATL-003-CON	029514.0075
SG XP2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines  ZM XP2 PEN Substituted 8 - Heteroaryl Xanthines  AN XP2 PEN Substituted 8 - Heteroaryl Xanthines  CA XP2 PEN Selective Antagonists A2A Adenosine Receptors  CA XP2 PEN Selective Antagonists A2A Adenosine Receptors  Selective Antagonists A2A Adenosine Receptors	12/049,801 3/17/08	Selective Antagonists A2A Receptors	PEN	CONT	SU	ATL-003-CNT2	029514.0110
SG XF2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  AU XP2 PEN Substituted 8 - Heteroaryl Xanthines  SA XP2 PEN Substituted 8 - Heteroaryl Xanthines  SA XP2 PEN Selective Antagonists A2A Adenosine Receptors  Selective Antagonists A2A Adenosine Receptors  Selective Antagonists A2A Adenosine Receptors	200580004/44/4			CdX	S	ATE-003-CN	029514_0022
SG XP2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines  AU XP2 PEN Selective Antagonists A2A Adonosine Receptors	<b>2563123</b>			XP2	\$	ATE-9003-04	029514,0024
Signature Status Short Title  Signature Signature Status Short Title  Signature Signature Signature Status	2005231740 09/25/00	Selective Antagonists A2A Adonosins Receptors		XP2	AU	ATI-003 AL	029514,0025
Schort Title  SC XF2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines  US CONT PEN Substituted 8 - Heteroaryl Xanthines	20062339	Substituted 8 Historoany Xanthines	PEN	XP2	74	AT- 002-ZA	029514 0017
Se XP2 PEN Status Short Title  Se XP2 PEN Substituted 8 Heteroaryl Xanthines  US NAT REG Utility - Substituted 8 - Heteroaryl Xanthines	11/956,876 12/14/2007	Substituted 8-Heteroaryl Xanthines	PEN	CONT	SU	ATL-002-US2	029514.0100
Se XP2 PEN Substituted 8 Heteroaryl Xanthines  Substituted 8 Heteroaryl Xanthines	10/923,592 08/20/04	8 - Heteroaryl	REG	NAT	SU	ATL-002-US	029514.0048
SG XP2 PEN Substituted 8 Hotoroaryl Xanthines	951125436	Substituted 8 Heteroary Xanthines	7002	XP2		ATT-2002-TW	029514 0034
Ctry Type Status Short Title	200601005-2 02/45/00	Substituted 8 Heteroaryl Xanthines		*12	S@	AFE-002-SG	029544:0033
	App. No. App Date	Short Title	Status	Case Type	Ctry	Seller File No.	WM File No.

2/25/05	Unsymmetrical Cycloalkyl Substituted Xanthines	CĽD,	PRO	SU	ATL-008-PR	029514.0067
02/27/06 60/656.104	Methods for the Synthesis of Unsymmetrical Cycloansis	PEN	PCT	₩ O	ATL-008-PCT	029514.0029
02/27/06	Utility - Pyridyl Substituted Xanthines	PEN	NAT	S	ATL-007-US	029514.0056
02/25/05	Provisional - Pyridyl Substituted Xanthines	CLD	PRO	SU	ATL-007-PR	029514.0055
02/27/06	Pyridyl Substituted Xanthines	PEN	PCT	WO	ATL-007-PCT	029514.0028
02/27/06	Utility - Pyrazolyl Substituted Xanthines	PEN	NAT	S	ATL-006-US	029514.0066
02/25/05	Provisional - Pyrazolyl Substituted Xanthines	CLD	PRO	SU	ATL-006-PR	029514.0065
02/27/06	Pyrazol YL Substituted Xanthines	PEN	РСТ	₩o	ATL-006-PCT	029514.0027
6/12/2007	Substituted 8 Heteroaryl Xanthines	PEN	NAT	SU	ATL-005-US	029514.0090
06/22/06	Provisional 2 - Substituted 8 - Heteroaryl Xanthines	CLD	PRO	SU	ATL-005-PR1	029514.0047
06/16/06	Provisional 1 - Substituted 8 - Heteroaryl Xanthines	CLD	PRO	SU	ATL-005-PR	029514.0046
6/13/07	Substituted 8 Heteroaryl Xanthines	PEN	РСТ	OM	ATL-005-PCT	029514.0091
5/14/07	Substituted Arylpiperiolityialityiliadeliosilies as A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.	PEN	NAT	US	ATL-004-US	029514.0076
05/18/06	Piperidinylalkynladenosines as A2AR Agonists  Piperidinylalkynladenosines as A2AR Agonists	CLD	PRO	SU	ATL-004-PR1	029514.0058
04/26/06	Provisional 1 - Substituted Aryl Piperdinylalkynyladenosines as A2AR Agonists	CLD	PRO	SU	ATL-004-PR	029514.0057
5/18/07	Substituted Arylpiperidinylalkynladenosines as AZA Agonist	PEN	PCT	WO	ATL-004-PCT	*029514.0077
11/097,251 04/04/05	Utility - Selective Antagonists A2A Adenosine Receptors	REG	NAT	SU	ATL-003-US	029514.0051
App. No. App Date	Short Title	Status	Case Type	Ctry	Seller File No.	WM File No.

Schedules Page 7

2.5

029514.0096

029514.0052

029514.0097

ATL-ONS.PRO		ATL-014-US	ATL-014-PR	ATL-014-PCT \	ATL-012-US	ATL-012-PR	AT-011-05	A TOTAL	ATL-010-US	ATL-010-PR	ATL-010-PCT V	ATL-009-US	ATL-009-PR L	ATL-009-PCT V	ATL-008-US L	Seller File No. C
SIT	5	S	US	<b>∀</b> 0	US	US	US	\$ 	S	US	WO	S	US	WO	US	Ctry C
PRO CLD	PRO	NAT	PRO	РСТ	NAT	PRO		PRO	NAT	PRO	PCT	NAT	PRO	PCT	NAT	Case Type
		P EI Z	CLD	PEN	PEN	. <del>С</del>		QLD.	PEN	CLD	PEZ	PEN	CLD	PEN	PEN N	Status
of inflammatory Bowel Disease	Provisional Antiagonists of A2B Adenosine Receptors  for Treatment of Dicerative Colitic	PYRROLO[3,2-D]PYRIMIDINES THAT ARE SELECTIVE ANTAGONISTS OF A2B ADENOSINE RECEPTORS	Provisional - Selective Antagonists A2B Adenosine Receptors	Pyrrolo[3,2-D]Pryimidines That Are Selective Antagonists of A2B Adenosine Receptors	Utility - Methods for the Synthesis of Substituted Amino Uracils	Provisional - Methods for the Synthesis of Substituted Amino Uracils	dutility—New Compositions and Methods for the Treatment of Inflammation	Reputational New Compositions and Methods for the Preatment of Inflammation	Selective Antagonists of A2A Adenosine Receptors	Provisional 2 - Selective Antagonists A2A Adenosine Receptors	Selective Antagonist of A2A Adenosine Receptors	Utility - Derivatives of 8 - Substituted Xanthines	Provisional - Derivatives of 8 - Substituted Xanthines	Derivatives of 8-Substituted Xanthines	Utility - Methods for the Synthesis of Unsymmetrical Cycloalkyl Substituted Xanthines	Short Title
OHIDATOR,	00/13/06 00/13/06	11/897,678 8/31/07	60/824,316 09/01/06	US2007/019266 9/4/07	11/510,632 08/28/06	60/711,422 08/26/05	08/02/06	08/02/05	11/879,133 7/16/07	60/807,545 07/17/06	PCT/US2007/016164 7/17/07	11/362,392 02/27/06	60/656,086 02/25/06	US2006/06/46 02/27/06	11/362,390 10/13/06	App. No. App Date

029514.0050

029514.0092

029514.0061

029514-0060

029514 0059

029514.0062

029514.0093

029514.0064

029514.0063

029514.0026

029514.0054

WM File No.

Schedules Page 8

16/19/06	Methods for Preparing 2-Alkynyladenosine Denivatives	PEN	XP2	天 문	AT 3294-HK	029514-0686
06113955 0	<u> </u>		XD2	m P	ATI-7994-EP	029514 0085
04752741	Mothods for Prenating 9 Alkynylane rosine Derivatives	D	5	ו י		
2004800204863 4440406	Methods for Preparing 2-Alkynyladenosine Derivatives	PEN	XP2	Q F	ATL_7924_CN	029514.0084
d=11/18/05	Methods for Preparing 2 Alkynyladenosine Derivatives	DEN)	XP2	B	ATL 7924 CA	020544 0083
61/075,096	Alkoxy-Carbonyl-Amino-Alkynyl-Adenosine Compounds and Derivatives Thereof as A2AR Agonists	PEN	PRO	SU	ATL-023-P1	029514.0113
12/014,949 1/16/2008	Adenosine Derivative Formulations for Medical Imaging	PEN	NAT	S	ATL-022-US	029514.0104
60/885,489 1/18/07	Adenosine Derivative Formulations for Medical Imaging	ЕХР	PRO	SU	ATL-022-PR	029514.0079
US2008/00549 1/16/2008	Adenosine Derivative Formulations for Medical Imaging	PEN	PCT	WO	ATL-022-PCT	029514.0105
61/046,568 4/21/08	Substituted 8-[Carbonylamine -3-Pyrildyl] Xanthines	PEN	PRO	SU	ATL-021-P1	029514.0109
61/014,134 12/17/2007	SUBSTITUTED 8-[6-AMINO-3-PYRIDYL]XANTHINES	PEN	PRO	SU	ATL-019-P1	029514.0101
1/09/2008	INTRATHECAL TREATMENT OF NEUROPAI HIC PAIN WITH AZAR AGONISTS	PEN	PRO	SU	ATL-018-P1	029514,0103
61/015,303 12/20/2007	SUBSTITUTED 4-{3-[6-AMINO-9-(3, 4-DIHYDROXY-TETRAHYDRO-FURAN-2-YL)-9H-PURIN-2-YL]-PROP-2-YNYL}-PIPERIDINE-1-CARBOXYLIC ACID ESTERS AS A2AR AGONISTS	PEN	PRO	SU	ATL-017-P1	029514.0102
12/102,185 4/14/08	Agonists of A2A Adenosine Receptors for Treating Recurrent Tumor Growth in the Liver Following Resection	PEZ	NAT	S	ATL-016-US	029514.0106
60925736 4/23/07	Agonists of A2A Adenosine Receptors for Treating Recurrent Tumor Growth in the Liver Following Resection	CLD	PRO	S	ATL-016-PR	029514.0072
US2008/060304 4/15/08	Agonists of A2A Adenosine Receptors for Treating Recurrent Tumor Growth in the Liver Following Resection	PEN	PCT	WO	ATL-016-PCT	029514.0107
App. No. App Date	Short Title	Status	Case Type	Ctry	Seller File No.	WM File No.

Schedul
23
٦
a
age
10
0

RECORDED: 01/08/2009

			-			10001-1-0040
5/19/04	Methods for Preparing 2-Alkynyladenosine Derivatives	П ХР	PCT	§ 0	ATI -7224-WO	029514 0082
10/17/2007	Methods for Preparing 2-Alkynyladenosine Derivatives	PEN	CONT	SU	ATL-7224-US- CNT1	029514.0098
5/18/04	Methods for Preparing 2-Alkynyladenosine Derivatives	CLD	NAT	SN	ATL-7224-US	029514.0081
60471643 5/19/03	Methods for Preparing 2-Alkynyladenosine Derivatives	CLD	PRO	SN	ATL-7224-PR	029514.0080
1115/05	Methods for Preparing 2-Alkynyladenosine Delivatives	PEN	XP2	W.X	XIII TOOM NIX	3800.41-8620
44/24/05 PA/2//2005/04/2009	Methods for Preparing 2-Alkynyladenosine Derivatives	PEN	XP2		ATI-7004-JF	029514,0078
14/10/05	Methods for Preparing 2-Alkynyladenosine Derivatives	DICK.	XP2	×	471-7224-IN	029514.0087
App. No. App Date	Short Title	Status	Case Type	Ctry	Seller File No.	WM File No.