503867800 06/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3914449

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIROBAY, INC.	02/24/2016
CELERA CORPORATION	02/25/2016

RECEIVING PARTY DATA

Name:	QUEST DIAGNOSTICS INVESTMENTS LLC	
Street Address:	3 GIRALDA FARMS	
City:	MADISON	
State/Country:	NEW JERSEY	
Postal Code:	07940	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	10603437	

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2026725300

Email: apatrick@foley.com
Correspondent Name: KRISTEL SCHORR

Address Line 1: 3000 K STREET, NW, SUITE 600

Address Line 2: FOLEY & LARDNER, LLP

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER:	034827-0715
NAME OF SUBMITTER:	KRISTEL SCHORR
SIGNATURE:	/Kristel Schorr/
DATE SIGNED:	06/13/2016

Total Attachments: 6

source=090836-0715126_Schedule C(1)#page1.tif source=090836-0715126_Schedule C(1)#page2.tif source=090836-0715126_Schedule C(1)#page3.tif source=090836-0715126_Schedule C(1)#page4.tif

> PATENT REEL: 038894 FRAME: 0530

503867800

source=090836-0715126_Schedule C(1)#page5.tif source=090836-0715126_Schedule C(1)#page6.tif

ASSIGNMENT

This ASSIGNMENT is made from ViroBay, Inc. a corporation of the state of California (hereinafter "Assignor"), to Quest Diagnostics Investments LLC, a Delaware limited liability company, having a principal place of business at 3 Giralda Farms, Madison, New Jersey 07940 (hereinafter "Assignee").

WHEREAS, Assignor claims and warrants that it owns all rights, title and interest of every kind, nature or description in and to the patents and patent applications listed in Schedule B hereto;

WHEREAS, Celera Corporation, a Delaware Corporation ("Celera"), is an affiliate of Assignee; and

WHEREAS, Assignor and Assignee wish for Assignee to acquire all rights in the patents and patent applications listed in Schedule B hereto, for the convenience of the parties.

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor:

- 1. Has assigned, transferred, conveyed, and sold, and hereby assigns, transfers, conveys, and sells to Assignee all rights, titles and interests in and to:
 - (a) the Inventions throughout the world,
 - (b) all of the Patents, the right to claim priority to the Patents, and all U.S. and non-U.S. patents, registrations, validations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisions, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations of any of the Patents, all for the full term or terms for which the same may be granted (collectively, the "Patent Rights"); and
 - (c) all claims for damages by reason of past infringement of any of the Patent Rights (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use; and
- 2. Authorizes and requests the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue any and all of the Patent Rights to Assignee.
- 3. Agrees to sign, and procure signature of, all papers and documents, including without limitation, applications, declarations, oaths, assignments and petitions, and, at

Assignee's expense, perform any other acts necessary in Assignee's reasonable opinion in connection with prosecution, maintenance or enforcement of any of the Patent Rights.

4. Agrees that the terms, covenants, and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representative, and shall be binding upon Assignor and its successors, legal representatives, and assigns.

Signed on the dates indicated beside our signatures.

	ViroBay, Inc		cons
Signature:		Date:	Jebruay 24th 2016
	Robert Booth, Ph.D.		كسنا
*	Chief Evenutive Officer		

Assignee and Celera hereby accept this Assignment.

Quest Diagnostics Investments LLC

Signature: Wayne Benjamin Brown

Date: 2/25/2016

Deputy General Counsel & Chief Intellectual

Property Officer

Celera Corporation

Signature: Date: 2/25/2016

Wayne Benjamin Brown

Deputy General Counsel & Chief Intellectual

Property Officer

68233159V.1

Schedule C

Title IP Family Number	Country	Status	Serial No Filing Date	Patent No. Issue Date
AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739483 005010CA	Canada	Abandoned	2,526,694 June 4,2004	
AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739484 005010EP	European Patent Office	Abandoned	04776274.5 June 4, 2004	
AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739485 005010JP	Japan	Abandoned	2006-515175 June 4, 2004	
COMBINATION THERAPY UTILIZING CATHEPSIN S INHIBITORS 090836-0739492 005110US	United States of America	Abandoned	10/581,977 Oct 19, 2006	
COMBINATION THERAPY UTILIZING CATHEPSIN S INHIBITORS 090836-0739489 005110EP	European Patent Office	Abandoned	04813839.0 Dec 10, 2004	
AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739494 005210EP	European Patent Office	Abandoned	04815518.8 Dec 22, 2004	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739260 005310US	United States of America	Abandoned	10/587,867 Dec 21, 2006	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739776 005310BR	Brazil	Abandoned	PI05064945 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739500 005310BY	Belarus	Abandoned	A20060865 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739139 005310CO	Colombia	Abandoned	06-085.611 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739140 005310CR	Costa Rica	Abandoned	8.754 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739141 005310EC	Écuador	Abandoned	SP-06-6805 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739142 005310EP	European Patent Office	Abandoned	05722609.4 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739143 005310ID	Indonesia	Abandoned	W-00200602130 Jan 31, 2005	

ASSIGNMENT Page 4 of 6

SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739147 005310KR	Republic of Korea	Abandoned	10-2006-7017471 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739149 005310NO	Norway	Abandoned	20063842 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739152 005310PH	Philippines	Abandoned	1-2006-501469 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739258 005310SG	Singapore	Abandoned	200605107-2 Jan 31, 2005	
SILINANE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739259 005310UA	Ukraine	Abandoned	200600408 Jan 31, 2005	e:
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739502 005610BR	Brazil	Abandoned	Pl0515470-7 Sep 16, 2005	
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739506 005610CO	Colombia	Abandoned	CO07026396 Sep 16, 2005	n.
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739507 005610CR	Costa Rica	Abandoned	8993 Sept 16, 2005	¹ / ₂
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739508 005610CU	Cuba	Abandoned	2007-064 Sep 16, 2005	
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739509 005610EC	Ecuador	Abandoned	SP-07-7321 Sep 16, 2005	
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739510 005610EP	European Patent Office	Abandoned	05796693.9 Sep 16, 2005	
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0746365 005610HK	Hong Kong	Abandoned	08100583.5 Sep 16, 2005	
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739511 005610ID	Indonesia	Abandoned	W00200700899 Sep 16, 2005	
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739515 005610KR	Republic of Korea	Abandoned	10-2007-7008584 Sep 16, 2005	

ASSIGNMENT Page 5 of 6

PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739517 005610NO	Norway	Abandoned	20071937 Sep 16, 2005
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739522 005610SG	Singapore	Abandoned	200701879-9 Sep 16, 2005
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739523 005610UA	Ukraine	Abandoned	200704193 Sep 16, 2005
PROCESSES AND INTERMEDIATES PREPARING CYSTEINE PROTEASE INHIBITORS 090836-0739525 005610ZA	South Africa	Abandoned	2007/03102 Sep 16, 2005
HALOALKYL CONTAINING COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739527 005810EP	European Patent Office	Abandoned	05852553.6 Dec 1, 2005
SULFONAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739532 005901US	United States of America	Expired	60/664,123 Mar 21, 2005
SULFONAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739777 005902US	United States of America	Expired	60/224,287 Mar 21, 2005
POLYMORPHYS OF A CYSTEINE PROTEASE INHIBITOR 090836-0739782 006110US	United States of America	Abandoned	11/662,931 Sep 16, 2005
POLYMORPHYS OF A CYSTEINE PROTEASE INHIBITOR 090836-0739780 006110BR	Brazil	Abandoned	PI1515449-9 Sep 16, 2005
POLYMORPHYS OF A CYSTEINE PROTEASE INHIBITOR 090836-0739539 006110EP	European Patent Office	Abandoned	05798153.2 Sep 16, 2005
POLYMORPHYS OF A CYSTEINE PROTEASE INHIBITOR 090836-0739542 006110KR	Republic of Korea	Abandoned	10-2007-7008656 Sep 16, 2005
POLYMORPHYS OF A CYSTEINE PROTEASE INHIBITOR 090836-0739544 006110NO	Norway	Abandoned	20071936 Sep 16, 2005
POLYMORPHYS OF A CYSTEINE PROTEASE INHIBITOR 090836-0739783 006110ZA	South Africa	Abandoned	2007/03104 Sep 16, 2005
ALPHA KETOAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0739575 006300US	United States of America	Expired	60/664,041 Mar 21, 2005

ASSIGNMENT Page 6 of 6

÷	
ALPHA KETOAMIDE COMPOUNDS AS United States Abandor	
CYSTEINE PROTEASE INHIBITORS of America	Sep 18, 2007
090836-0739582	
006310US	
ALPHA KETOAMIDE COMPOUNDS AS PCT Expired	PCT/US06/10422
CYSTEINE PROTEASE INHIBITORS	Mar 21, 2006
090836-0739581	Wai 21, 2000
006310PC	
ALPHA KETOAMIDE COMPOUNDS AS Canada Abandor	
CYSTEINE PROTEASE INHIBITORS	Mar 21, 2006
090836-0739577	
006310CA	
ALPHA KETOAMIDE COMPOUNDS AS European Abandor	ned 06739282.9
CYSTEINE PROTEASE INHIBITORS Patent Office	Mar 21, 2006
•	Will 21, 2000
090836-0739578	
006310EP	
ALPHA KETOAMIDE COMPOUNDS AS Japan Abandor	
CYSTEINE PROTEASE INHIBITORS	Mar 21, 2006
090836-0739579	
006310JP	
ALPHA KETOAMIDE COMPOUNDS AS Mexico Abandor	ned MX/a/2007/011615
CYSTEINE PROTEASE INHIBITORS	Mar 21, 2006
	Wai 21, 2000
090836-0739580	
006310MX	
SULFONYL COMPOUNDS AS CYSTEINE United States Expired	60/664,237
PROTEASE INHIBITORS of America	Mar 22, 2005
090836-0739584	·
006401US	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
SULFONYL COMPOUNDS AS CYSTEINE United States Abandor	ned 13/005,361
PROTEASE INHIBITORS of America	Jan 12, 2011
090836-0797435	
006420US	
HCV INHIBITORS European Abandor	
090836-0867414 Patent Office	Jun 29, 2006
006630EP	
ALPHA KETOAMIDE COMPOUNDS AS United States Expired	60/684.488
CYSTEINE PROTEASE INHIBITORS of America	May 24, 2005
090836-0739550	May 24, 2000
i i i i i i i i i i i i i i i i i i i	
006203US	
ALPHA KETOAMIDE COMPOUNDS AS United States Abandor	
CYSTEINE PROTEASE INHIBITORS of America	May 20, 2013
090836-0876056	
006214US	
ALPHA KETOAMIDE COMPOUNDS AS Latvia Abandor	ned 200720070121 13669
CYSTEINE PROTEASE INHIBITORS	Mar 17, 2006 May 10, 2009
090836-0739563	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
006210LV	1
006210LV	201201550
ALPHA KETOAMIDE COMPOUNDS AS Eurasian Abandor	
ALPHA KETOAMIDE COMPOUNDS AS Eurasian Abandor CYSTEINE PROTEASE INHIBITORS Patent Office	ned 201201550 Mar 17, 2006
ALPHA KETOAMIDE COMPOUNDS AS Eurasian Abandor	
ALPHA KETOAMIDE COMPOUNDS AS Eurasian Abandor CYSTEINE PROTEASE INHIBITORS Patent Office	
ALPHA KETOAMIDE COMPOUNDS AS Eurasian CYSTEINE PROTEASE INHIBITORS Patent Office 090836-0858719 006211EA Eurasian Patent Office	Mar 17, 2006
ALPHA KETOAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0858719 006211EA ALPHA KETOAMIDE COMPOUNDS AS Japan Abandor	Mar 17, 2006 ned 2012-142243
ALPHA KETOAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0858719 006211EA ALPHA KETOAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS Burasian Patent Office Daylor Paten	Mar 17, 2006
ALPHA KETOAMIDE COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS 090836-0858719 006211EA ALPHA KETOAMIDE COMPOUNDS AS Japan Abandor	Mar 17, 2006 ned 2012-142243

PATENT REEL: 038894 FRAME: 0537

RECORDED: 06/13/2016