

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4106695

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
ADVANCED ANIMAL DIAGNOSTICS, INC.	10/20/2016
RECEIVING PARTY DATA	
Name:	INTERSOUTH PARTNERS VII, L.P.
Street Address:	102 CITY HALL PLAZA, SUITE 200
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27701
Name:	CULTIVAN SANDBOX FOOD & AGRICULTURE FUND II, L.P.
Street Address:	1000 WEST FULTON MARKET, SUITE 213
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60607
Name:	SANDBOX ADVANTAGE FUND, L.P.
Street Address:	1000 WEST FULTON MARKET, SUITE 213
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60607
Name:	LABORATORY CORPORATION OF AMERICA HOLDINGS
Street Address:	531 SOUTH SPRING STREET
City:	BURLINGTON
State/Country:	NORTH CAROLINA
Postal Code:	27215
PROPERTY NUMBERS Total: 17	
Property Type	Number
Patent Number:	9023641
Application Number:	14679430
Application Number:	12294037
Application Number:	14105662
Application Number:	13889744

PATENT

Property Type	Number
Application Number:	14700753
Application Number:	14394900
Application Number:	13928741
Application Number:	14239208
Application Number:	14239383
Patent Number:	D720468
Application Number:	14239660
Application Number:	14239894
Application Number:	14240202
Application Number:	14274086
Application Number:	61821486
Application Number:	15023604

CORRESPONDENCE DATA

Fax Number: (614)224-3246

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: 6144621093

Email: ipdocketcolumbus@icemiller.com

Correspondent Name: ICE MILLER LLP

Address Line 1: ONE AMERICAN SQUARE, SUITE 2900

Address Line 4: INDIANAPOLIS, INDIANA 46282

ATTORNEY DOCKET NUMBER: 27647.0011

NAME OF SUBMITTER: BARBARA BACON

SIGNATURE: /Barbara Bacon/

DATE SIGNED: 10/20/2016

Total Attachments: 7

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NOTICE OF SECURITY INTEREST

Advanced Animal Diagnostics, Inc., a Delaware corporation (together with its successors and permitted assigns, "Debtor"), and Intersouth Partners VII, L.P., Cultivian Sandbox Food & Agriculture Fund II, L.P., Sandbox Advantage Fund, L.P., and Laboratory Corporation of America Holdings (together with their successors and assigns, collectively the "Secured Parties"), are parties to a certain Security Agreement dated October 20, 2016 (the "Security Agreement").

WHEREAS, Debtor owns certain rights, title and interest in and to certain Collateral (as defined in the Security Agreement), including the Collateral listed on the annexed Schedule A attached hereto; and

WHEREAS, Debtor has granted Secured Parties a security interest as set forth in the Security Agreement in and to, among other things, all right, title and interest of Debtor in the Collateral, to secure the payment, performance and observance of certain obligations defined in the Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby grant to Secured Parties a security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations defined in the Security Agreement.

Secured Parties do hereby further acknowledge and affirm that the rights and remedies of Secured Parties with respect to the security interest in the Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

[Signature page immediately follows.]

"SECURED PARTIES":

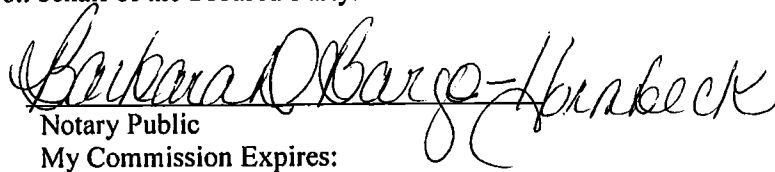
INTERSOUTH PARTNERS VII, L.P.

By: Intersouth Associates VII, LLC,
its General Partner

By: 
Name: Dennis Dougherty
Title: Member Manager

STATE OF Indiana :
: ss.
COUNTY OF Marion :

On this 14th day of October, 2016, before me, a Notary Public, personally appeared Intersouth Partners VII, L.P., by Intersouth Associates VII, LLC, its General Partner, by Dennis Dougherty, Member Manager, who acknowledged himself/herself to be acting on behalf of Intersouth Partners VII, L.P., a _____, and that he/she, being duly authorized to do so, executed the foregoing Notice of Security Interest for the purposes therein contained by signing his/her name as such on behalf of the Secured Party.


Notary Public
My Commission Expires:



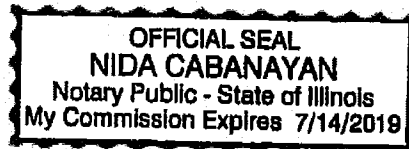
BARBARA D. BARGO-HORNBECK
Notary Public - Indiana
County of Madison
My Comm. Expires: Apr. 14, 2024

**CULTIVIAN SANDBOX FOOD &
AGRICULTURE FUND II, L.P.**

By: Andrew Ziolkowski
Name: Andrew Ziolkowski
Title: Managing Director

On this 14th day of October, 2016, before me, a Notary Public, personally appeared Cultivian Sandbox Food & Agriculture Fund II, L.P., by Cultivan Sandbox Venture Partners, LLC, its General Partner, by Andrew Ziolkowski, Managing Director, who acknowledged himself to be acting on behalf of Cultivian Sandbox Food & Agriculture Fund II, L.P., a Delaware Limited Partnership, and that he, being duly authorized to do so, executed the foregoing Notice of Security Interest for the purposes therein contained by signing his name as such on behalf of the Secured Party.

My Commission Expires: 7/14/2019



"SECURED PARTIES":

SANDBOX ADVANTAGE FUND, L.P.

By: Sandbox Advantage Associates LLC
Its: General Partner

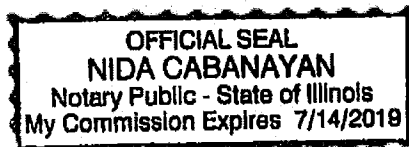
By: Sandbox RLD, LLC
Its: Manager

By: _____
Name: Vanessa Rollings
Title: Chief Financial Officer

STATE OF Illinois :
COUNTY OF COOK : ss.

On this 14th day of October, 2016, before me, a Notary Public, personally appeared Sandbox Advantage Fund, L.P., by Sandbox Advantage Associates LLC, its General Partner, by Sandbox RLD, LLC, Manager, by Vanessa Rollings, Chief Financial Officer, who acknowledged herself to be acting on behalf of Sandbox Advantage Fund, L.P., a Delaware LLC, and that she, being duly authorized to do so, executed the foregoing Notice of Security Interest for the purposes therein contained by signing her name as such on behalf of the Secured Party.

Nida Cabanayan
Notary Public
My Commission Expires: 7/14/2019



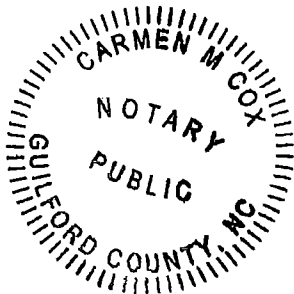
"SECURED PARTIES":

LABORATORY CORPORATION OF AMERICA
HOLDINGS

By: [Signature]
Name: Jon Meltzer
Title: SVP

STATE OF North Carolina
COUNTY OF Alamance : ss.

On this 17th day of October, 2016, before me, a Notary Public, personally appeared Jon Meltzer, SVP of Laboratory Corporation of America Holdings, who acknowledged himself/herself to be acting on behalf of Laboratory Corporation of America Holdings, a Corporation, and that he/she, being duly authorized to do so, executed the foregoing Notice of Security Interest for the purposes therein contained by signing his/her name as such on behalf of the Secured Party.



[Signature]
Notary Public
My Commission Expires: 10/31/2020



Exhibit A
List of Patents and Patent Applications

Serial/Patent Number	Filing/Issue Date
11/568,832	11/8/2006
9023641	5/5/2015
14/679,430	4/6/2015
12/294,037	9/22/2008
14/105,662	12/13/2013
13/889,744	5/8/2013 6/9/2015
14/700,753	4/30/2015
14/394,900	10/16/2014
13/928,741	6/27/2013
14/239,208	2/17/2014
14/239,383	2/18/2014
29/444,213	1/28/2013
D720468	12/30/2014
14/239,660	2/19/2014
14/239,894	2/20/2014
14/240,202	2/21/2014
14/274,086	5/9/2014
61/821,486	5/9/2013
15/023,604	3/21/2016