

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM633271

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
INNOVATUS LIFE SCIENCES LENDING FUND I, LP, AS COLLATERAL AGENT		03/19/2021	Limited Partnership: DELAWARE
RECEIVING PARTY DATA			
Name:	BIODESIX, INC.		
Street Address:	2970 WILDERNESS PLACE, SUITE 100		
City:	BOULDER		
State/Country:	COLORADO		
Postal Code:	80301		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 15			
Property Type	Number	Word Mark	
Registration Number:	5363516	BIODESIX LUNG REFLEX	
Serial Number:	87328186	VERISTRAT LIQUID BIOPSY	
Serial Number:	87328149	GENESTRAT LIQUID BIOPSY	
Serial Number:	87629867	ONCOSTRAT	
Serial Number:	87586059	BIODESIX LUNG REFLEX	
Serial Number:	86588401	IMMUNOSTRAT	
Registration Number:	5087240	DIAGNOSTIC CORTEX	
Registration Number:	5042185	GENESTRAT	
Registration Number:	4588638	WE THINK FORWARD	
Registration Number:	4660213	DEEP MALDI	
Registration Number:	4221851	GUIDING THE WAY	
Registration Number:	4223067	BIODESIX: MAKING MEDICINE PERSONAL	
Registration Number:	3655592	PROTS	
Registration Number:	3470295	VERISTRAT	
Registration Number:	3483094	BIODESIX	
CORRESPONDENCE DATA			
Fax Number:			

CH \$390.00 5363516

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: (858) 550-6412
Email: lortiz@cooley.com
Correspondent Name: LISA ORTIZ
Address Line 1: C/O COOLEY LLP
Address Line 2: 4401 EASTGATE MALL
Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	330829-107
--------------------------------	------------

NAME OF SUBMITTER:	LISA ORTIZ
---------------------------	------------

SIGNATURE:	/LISA ORTIZ/
-------------------	--------------

DATE SIGNED:	03/19/2021
---------------------	------------

Total Attachments: 12

source=biodesixrelease#page1.tif
source=biodesixrelease#page2.tif
source=biodesixrelease#page3.tif
source=biodesixrelease#page4.tif
source=biodesixrelease#page5.tif
source=biodesixrelease#page6.tif
source=biodesixrelease#page7.tif
source=biodesixrelease#page8.tif
source=biodesixrelease#page9.tif
source=biodesixrelease#page10.tif
source=biodesixrelease#page11.tif
source=biodesixrelease#page12.tif

RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of March 19, 2021, by INNOVATUS LIFE SCIENCES LENDING FUND I, LP, as collateral agent for the Lenders (in such capacity, "Collateral Agent") in favor of BIODSIX, INC., a Delaware corporation ("Grantor") with its principal place of business located at 2970 Wilderness Place, Suite 100, Boulder, CO 80301.

Recital

WHEREAS Grantor granted to Collateral Agent, for the benefit of the Lenders (the "Lender") described in the Loan Agreement (as defined in the Security Agreement), a security interest in the patents and trademarks described on Exhibits A and B attached hereto (collectively, the "Intellectual Property Collateral"), under that certain Intellectual Property Security Agreement dated as of February 23, 2018, by and between Grantor and Collateral Agent as collateral agent for the Lenders, as amended from time to time (the "Security Agreement") and submitted for recordation with the United States Patent and Trademark Office as set forth on Exhibits A and B.

WHEREAS Grantor has no outstanding obligations to the Collateral Agent or the Lenders under the terms of the Security Agreement, and the Collateral Agent has been requested to release its security interest in the Intellectual Property Collateral and terminate the Security Agreement.

Agreement

NOW THEREFORE, Collateral Agent hereby terminates the Security Agreement and releases its security interest in the Intellectual Property Collateral, and reassigns to Grantor, without warranty or recourse, all interest of Collateral Agent in the Intellectual Property Collateral.

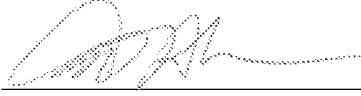
[Signature page follows]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release of Security Interest to be duly executed as of the day and year first above written.

COLLATERAL AGENT:

INNOVATUS LIFE SCIENCE LENDING FUND I, LP

By: Innovatus Life Sciences GP, LP
Its: General Partner

By: 

Name: Andrew Hobson
Title: Authorized Signatory

777 Third Avenue, 25th Floor
New York, NY 10017

[Signature Page to Release of Security Interest]

TRADEMARK
REEL: 007227 FRAME: 0500

EXHIBIT A

Patents

(See attached)

Title	Country	Region / I.P.	Patent Status	Serial No.	Filing Date	Pub. No.	Abandoned / Active	Issue Date
Method to automatically identify peak and monochromatic peaks in	FR	US	(11) Expired / Abandoned	80489031	7/7/2002		Abandoned	
Method to automatically identify peak and monochromatic peaks in mass spectral data for biomolecular interaction	US	US	(11) Expired / Abandoned	10/887138	7/7/2004		Abandoned	
Continuation of 04-773 US	US	US	(11) Expired / Abandoned	10/338,313	7/24/2004		Abandoned	
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	AT	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and system for determining whether a drug will be effective on a patient with a disease	AU	Foreign	(10) Issued / Granted	2007243644	3/26/2007	2007243644	Active	9/2/2010
VeriStrat for CRC	AU	Foreign	(11) Expired / Abandoned	2009338173	11/20/2009	2009338173	Abandoned	5/31/2012
VeriStrat for SCCRN	AU	Foreign	(11) Expired / Abandoned	2009338174	11/20/2009	2009338174	Abandoned	5/31/2012
Probabilistic K-nearest neighbor classifier for blood-based samples	AU	Foreign	(10) Issued / Granted	2010201206	3/25/2010	2010201206	Active	6/21/2012
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	BE	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for NSCLC	CA	Foreign	(10) Issued / Granted	CA 2647871	3/26/2007	2647871	Active	3/11/2014
VeriStrat for CRC	CA	Foreign	(11) Expired / Abandoned	2744394	11/20/2009		Abandoned	
VeriStrat for SCCRN	CA	Foreign	(11) Expired / Abandoned	2718313	8/27/2010		Abandoned	
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	CH	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	DE	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for NSCLC	EU	Foreign	(10) Issued / Granted	7754043.3 EP20070754043	3/26/2007	2007434	Active	2/17/2016
VeriStrat for CRC	GB	Foreign	(11) Expired / Abandoned	2347261	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for CRC	DE	Foreign	(11) Expired / Abandoned	2347261	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for CRC	ES	Foreign	(11) Expired / Abandoned	2347261	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for CRC	FR	Foreign	(11) Expired / Abandoned	2347261	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for CRC	IT	Foreign	(11) Expired / Abandoned	2347261	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for CRC	SE	Foreign	(11) Expired / Abandoned	2347261	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for CRC	RU	Foreign	(11) Expired / Abandoned	09759836.7 EP20060754043	11/20/2009	2347261	Abandoned	8/15/2012
VeriStrat for SCCRN	GB	Foreign	(11) Expired / Abandoned		11/20/2009	2247954	Abandoned	
VeriStrat for SCCRN	DE	Foreign	(11) Expired / Abandoned		11/20/2009	2247264	Abandoned	
VeriStrat for SCCRN	ES	Foreign	(11) Expired / Abandoned		11/20/2009	2247954	Abandoned	
VeriStrat for SCCRN	FR	Foreign	(11) Expired / Abandoned		11/20/2009	2247264	Abandoned	
VeriStrat for SCCRN	IT	Foreign	(11) Expired / Abandoned		11/20/2009	2247264	Abandoned	
VeriStrat for SCCRN	SE	Foreign	(11) Expired / Abandoned		11/20/2009	2247954	Abandoned	
VeriStrat for SCCRN	RU	Foreign	(11) Expired / Abandoned	09774994.3 EP20060754043	11/20/2009	2247264	Abandoned	7/13/2011
Probabilistic K-nearest neighbor classifier for blood-based samples	EU	Foreign	(11) Expired / Abandoned	10093344.8 EP20070754043	2/25/2010		Abandoned	
NSCLC VeriStrat - Laboratory test processing center	EU	Foreign	(08) Examination Year 3+	EP20100003344	3/26/2010		Active	

Title	Country	Region / ID	Patent Status	Serial No.	Filing Date	Pub. No.	Abandoned / Active	Issue Date
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	ES	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	FR	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	GB	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for NSCLC	HK	Foreign	(10) Issued / Granted	9105283.6	3/26/2007	HK1126416	Active	3/26/2017
VeriStrat for CRC	HK	Foreign	(11) Expired / Abandoned	HK1156896	10/14/2011		Abandoned	4/11/2013
VeriStrat for NSCLC	HK	Foreign	(11) Expired / Abandoned	11164025.6	3/26/2007		Abandoned	
VeriStrat for LCCIN	HK	Foreign	(11) Expired / Abandoned	1148073	7/3/2011	1148073	Abandoned	12/30/2013
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	HK	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	IE	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for CRC	IL	Foreign	(11) Expired / Abandoned	111944	11/20/2009	111944	Abandoned	3/1/2014
VeriStrat for LCCIN	IL	Foreign	(11) Expired / Abandoned	111943	3/24/2011	111943	Active	1/31/2014
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	IT	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for NSCLC	JP	Foreign	(10) Issued / Granted	2009502923	3/26/2007	4963721	Active	4/6/2012
VeriStrat for CRC	JP	Foreign	(11) Expired / Abandoned	2011-50456	11/20/2009	496348	Abandoned	5/13/2013
VeriStrat for SCCIN	JP	Foreign	(11) Expired / Abandoned	2010-548752	11/20/2009	5025602	Abandoned	6/11/2012
VeriStrat for CRC	JP	Foreign	(11) Expired / Abandoned	10-2011-7007641	11/20/2009	10-1112111	Abandoned	5/30/2013
Method and System for Determining Whether A Drug Will Be Effective on a Patient with a Disease	KR	Foreign	(10) Issued / Granted	10-2008-7026830	3/26/2010	10-1068732	Active	8/23/2011
VeriStrat for SCCIN	KR	Foreign	(11) Expired / Abandoned	10-2010-7013521	7/28/2011	10-1121107	Abandoned	7/10/2012
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	NL	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for NSCLC	NO	Foreign	(10) Issued / Granted	20084615	3/26/2007		Active	
VeriStrat	PCI	Foreign	(11) Expired / Abandoned	PCI/US07/007467	3/26/2007		Abandoned	
VeriStrat for CRC	PCI	Foreign	(11) Expired / Abandoned	PCI/US09/062657	11/20/2009		Abandoned	
VeriStrat for LCCIN	PCI	Foreign	(11) Expired / Abandoned	PCI/US09/062663	11/20/2009		Abandoned	
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	PL	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	PT	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	SE	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
Method and System for Determining Whether a Drug will be Effective on a Patient with a Disease	TR	Foreign	(10) Issued / Granted		3/26/2007	2007434	Active	2/17/2016
VeriStrat for CRC	TW	Foreign	(11) Expired / Abandoned	18142111	11/16/2009	1814971	Abandoned	1/21/2012
VeriStrat for LCCIN	TW	Foreign	(11) Expired / Abandoned	98143182	11/16/2009	091141182	Abandoned	7/11/2012
VeriStrat for NSCLC	US	US	(10) Issued / Granted	11/396328	3/31/2006	7736905	Active	6/15/2010
VeriStrat for CRC	US	US	(10) Issued / Granted	12/321394	1/20/2009	7,858,390	Active	12/28/2010

Title	Country	Category / ID	Patent Status	Grant Date	Filing Date	Amount (USD)	Abandoned / Active	End Date
VeriStrat for SCCHN	US	US	(10) Issued / Granted	12/321393	1/20/2009	7,867,775	Active	1/11/2011
VeriStrat for NSCLC with EGFR-Is	US	US	(10) Issued / Granted	12/321392	1/20/2009	7,858,389	Active	12/28/2010
VeriStrat NSCLC lab test processing center	US	US	(10) Issued / Granted	12/661129	3/10/2010	7879620	Active	2/1/2011
Method and system for determining whether a drug will be effective on a patient with a disease	US	US	(11) Expired / Abandoned	12/661124	3/10/2010	8097469	Abandoned	1/17/2012
VeriStrat lab test center, generic to cancer, drugs	US	US	(09) Allowance	12/806137	8/6/2010	9,824,182	Active	11/21/2017
Preprocessing for VeriStrat	US	US	(10) Issued / Granted	13/373,336	11/11/2011	9152758	Active	2/9/2016
Preprocessing for VeriStrat	US	US	(11) Expired / Abandoned	13/434,133	3/26/2012		Abandoned	
Mass spec peak ID methods	US	US	(11) Expired / Abandoned	10/837436	07/07/2004		Abandoned	
Probabilistic KNN classifier	PRO	US	(11) Expired / Abandoned	01/06-0950	7/15/2008		Abandoned	
Probabilistic KNN classifier	US	US	(10) Issued / Granted	12/218519	7/15/2008	8,024,282	Active	9/20/2011
VeriStrat for Treatment Monitoring	PRO	US	(11) Expired / Abandoned	01/191337	3/13/2009		Abandoned	
VeriStrat for Treatment Monitoring	US	US	(10) Issued / Granted	12/584594	9/8/2009	7,906,342	Active	3/15/2011
VeriStrat for Treatment Monitoring	US	US	(10) Issued / Granted	12/931,324	1/27/2011	8,119,418	Active	2/21/2012
VeriStrat for Treatment Monitoring	US	US	(10) Issued / Granted	12/931,322	1/27/2011	8,119,417	Active	2/21/2012
VeriStrat for Treatment Monitoring	US	US	(11) Expired / Abandoned	12/931,321	1/27/2011		Abandoned	
VeriStrat for Treatment Monitoring	US	US	(10) Issued / Granted	13/313,791	12/7/2011	8,586,379	Active	11/19/2013
VeriStrat for Treatment Monitoring	US	US	(10) Issued / Granted	13/313,838	12/7/2011	8,586,380	Active	11/19/2013
Lung Cancer Detection	PRO	US	(01) Unfiled	TBD			Active	
VeriStrat Mechanism of Action	RU	Foreign	(11) Expired / Abandoned	2011215065	2/22/2011	2011215065	Abandoned	7/21/2014
VeriStrat Mechanism of Action	AU	Foreign	(11) Expired / Abandoned	2014202716	5/19/2014		Abandoned	
VeriStrat Mechanism of Action	CA	Foreign	(11) Expired / Abandoned	2750736	2/22/2011		Abandoned	
VeriStrat Mechanism of Action	CN	Foreign	(11) Expired / Abandoned	20118031082 G,	2/22/2011		Abandoned	
VeriStrat Mechanism of Action	EU	Foreign	(11) Expired / Abandoned	112478083 EP201107472001	2/22/2011		Abandoned	
VeriStrat Mechanism of Action	JP	Foreign	(11) Expired / Abandoned	2012-555061	2/22/2011		Abandoned	
VeriStrat Mechanism of Action	JP	Foreign	(11) Expired / Abandoned	2013-122648	6/17/2013		Abandoned	
VeriStrat Mechanism of Action	KR	Foreign	(11) Expired / Abandoned	10-2012-7024976	2/22/2011	10-1956726	Abandoned	9/23/2015

Title	Country	Foreign / US	Patent Status	Serial Num.	Filing Date	Patent Num.	Abandoned / Active	Issue Date
VeriStrat Mechanism of Action	PCT	Foreign	(11) Expired / Abandoned	PCT/AU55011,7603,823	2/22/2011		Abandoned	
VeriStrat Mechanism of Action	PRC	US	(11) Expired / Abandoned	61,73,889,88	2/24/2010		Abandoned	
VeriStrat Mechanism of Action	TW	Foreign	(11) Expired / Abandoned	106106286	6/21/2011		Abandoned	
VeriStrat Mechanism of Action	US	US	(11) Expired / Abandoned	12,732,295	2/22/2011		Abandoned	
VeriStrat Mechanism of Action	US	US	(11) Expired / Abandoned	14,725,283	6/4/2014		Abandoned	
Mass spec peak ID methods			(02) Merged Into Another Filing	N/A			Active	
Mass spec peak ID methods			(02) Merged Into Another Filing	N/A			Active	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	JP	Foreign	(11) Expired / Abandoned	201220951H	1/24/2012	201220951H	Abandoned	11/5/2015
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	CA	Foreign	(11) Expired / Abandoned	2524877	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	FR	Foreign	(11) Expired / Abandoned	201281006861,5	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	RU	Foreign	(11) Expired / Abandoned	10734073,3	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	HK	Foreign	(11) Expired / Abandoned	14104961,3	5/27/2014		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	JP	Foreign	(11) Expired / Abandoned	2014-110730	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	KR	Foreign	(11) Expired / Abandoned	10-2013-762166,0	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	PCT	Foreign	(11) Expired / Abandoned	PCT/US12/00044	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	PRC	US	(11) Expired / Abandoned	61,487,575	1/28/2011		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	TW	Foreign	(11) Expired / Abandoned	101102091	1/24/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	TW	Foreign	(11) Expired / Abandoned	106105689	1/30/2012		Abandoned	
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	US	US	(10) Issued / Granted	13/356,730	1/24/2012	8,914,238	Active	12/16/2014
Test for Positive Response to Hormonal and Combination Therapy in Breast Cancer Patients	US	US	(10) Issued / Granted	13/741,634	1/15/2013	9,254,120	Active	10/6/2015

Title	Country	Region / I-P	Patent Status	Serial No.	Filing Date	Parent No.	Abandoned / Active	Issue Date
VenStrat for predicting benefit from platinum-based chemotherapy agents	AU	Foreign	(11) Expired / Abandoned	2013287261	3/15/2013		Abandoned	
VenStrat for predicting benefit from platinum-based chemotherapy agents	CA	Foreign	(11) Expired / Abandoned	2878441	3/15/2013		Abandoned	
VenStrat for predicting benefit from platinum-based chemotherapy agents	EU	Foreign	(11) Expired / Abandoned	13714122.3 EP20130714324	3/15/2013		Abandoned	
VenStrat for predicting benefit from platinum-based chemotherapy agents	FCI	Foreign	(11) Expired / Abandoned	PCT/US2013/022010	3/15/2013		Abandoned	
VenStrat for predicting benefit from platinum-based chemotherapy agents	PRC	US	(11) Expired / Abandoned	617668777	7/5/2012		Abandoned	
VenStrat for predicting benefit from platinum-based chemotherapy agents	TW	Foreign	(11) Expired / Abandoned	10211255.1	4/9/2011		Abandoned	
VenStrat for predicting benefit from platinum-based chemotherapy agents	US	US	(10) Issued / Granted	13/836,064	3/15/2013	8,718,996	Active	5/6/2014
VenStrat for predicting benefit from platinum-based chemotherapy agents	UK	UK	(11) Expired / Abandoned	14/212,567	3/14/2014		Abandoned	
DEEP MALDI	AU	Foreign	(11) Expired / Abandoned	2013287976	3/15/2013	2013287976	Abandoned	3/15/2016
DEEP MALDI	CA	Foreign	(11) Expired / Abandoned	2874689	3/15/2013		Abandoned	
DEEP MALDI	CN	Foreign	(11) Expired / Abandoned	201380029086.3	3/15/2013		Abandoned	
DEEP MALDI	EU	Foreign	(11) Expired / Abandoned	10715042.3 EP20130715042	3/15/2013		Abandoned	
DEEP MALDI	HK	Foreign	(05) Published	15108852.3	9/10/2015		Active	
DEEP MALDI	JP	Foreign	(11) Expired / Abandoned	2013-514792	3/15/2013		Abandoned	
DEEP MALDI	KR	Foreign	(08) Examination Year 3+	10-2014-7036612	3/15/2013		Active	
DEEP MALDI	KR	Foreign	(11) Expired / Abandoned	10-2014-7036612	3/15/2013		Abandoned	
DEEP MALDI	FCI	Foreign	(11) Expired / Abandoned	PCT/US13/13396	3/15/2013		Abandoned	
DEEP MALDI	PRC	US	(11) Expired / Abandoned	61602394	5/29/2012		Abandoned	
DEEP MALDI	TW	Foreign	(11) Expired / Abandoned	10211255.1	3/15/2013		Abandoned	
DEEP MALDI	US	US	(10) Issued / Granted	13/836,436	3/15/2013	9,279,798	Active	3/8/2016
DEEP MALDI	US	US	(10) Issued / Granted	14/868,575	9/29/2015	9,606,101	Active	3/28/2017
Mimicking randomized case controlled studies by randomly selecting sample sets from large-scale observational data sets	PRC	UK	(01) Merged into Another Filing	N/A			Active	
Method for early detection of HCC in patients with liver disease	PRO	US	(02) Merged into Another Filing	N/A			Active	
BDX001 for selecting GI4000 therapy	AU	Foreign	(08) Examination Year 3+	2013281221	3/15/2013		Active	
BDX001 for selecting GI4000 therapy	CA	Foreign	(05) Published	2878441	3/15/2013		Active	
GI 400 and BDX001	CN	Foreign	(08) Examination Year 3+	201380043182.4,	3/15/2013		Active	
BDX001 for selecting GI4000 therapy	EU	Foreign	(11) Expired / Abandoned	13714124.3 EP20130714124	3/15/2013		Abandoned	
BDX001 for selecting GI4000 therapy	HK	Foreign	(05) Published	1209835	3/15/2011		Abandoned	
BDX001 for selecting GI4000 therapy	IL	Foreign	(11) Expired / Abandoned	256256	3/15/2013		Abandoned	

Title	Country	Region / I.P.	Patent Status	Serial No.	Filing Date	Parent No.	Abandoned / Active	Issue Date
BDX001 for selecting GI4000 therapy	JP	Foreign	(08) Examination Year 3+	2015-520167	3/15/2013		Active	
BDX001 for selecting GI4000 therapy	KR	Foreign	(04) Non-Provisional Filed	10-2015-7001998	3/15/2013		Active	
GI 400 and BDX001	MX	Foreign					Active	
BDX001 for selecting GI4000 therapy	NZ	Foreign	(11) Expired / Abandoned	704089	3/15/2013		Abandoned	
GI 400 and BDX001	PCT	Foreign	(11) Expired / Abandoned	PCT/US2013/032024	3/15/2013		Abandoned	
GI 400 and BDX001	PRC	US	(11) Expired / Abandoned	61,694,329	6/26/2012		Abandoned	
GI 400 and BDX001	PRD	US	(11) Expired / Abandoned	61,66,4523	6/26/2012		Abandoned	
BDX001 for selecting GI4000 therapy	SG	Foreign	(06) Examination Year 1	112014086525,	3/15/2013		Active	
GI 400 and BDX001	TW	Foreign	(05) Published	102115975	5/3/2013		Active	
GI 400 and BDX001	US	US	(09) Allowance	13/835,909	3/15/2013		Active	
Asthma Early Diagnostic Test	PRO	US	(01) Unfiled	N/A			Active	
Machine Validator	US	US	(10) Issued / Granted	13/733,018	1/2/2013	8,467,988	Active	6/18/2013
CMC/D Analytic Methods	AU	Foreign	(06) Examination Year 1				Active	
CMC/D Analytic Methods	CA	Foreign	(11) Expired / Abandoned	CA2324120	9/15/2014		Abandoned	
CMC/D Analytic Methods	CN	Foreign	(11) Expired / Abandoned	CN102746659	9/15/2014		Abandoned	
CMC/D Analytic Methods	RU	Foreign	(11) Expired / Abandoned	EP2647417	9/15/2014		Abandoned	
CMC/D Analytic Methods	PCT	Foreign	(11) Expired / Abandoned	PCT/US14/55635	9/15/2014		Abandoned	
CMC/D Analytic Methods	PRD	US	(11) Expired / Abandoned	61,876,110	9/15/2013		Abandoned	
CMC/D Analytic Methods	PRO	US	(11) Expired / Abandoned	61,975,259	4/4/2014		Abandoned	
CMC/D Analytic Methods	TW	Foreign	(05) Published	103131810	9/17/2014		Active	
CMC/D Analytic Methods	US	US	(10) Issued / Granted	14/486,442	9/15/2014	9,477,906	Active	10/25/2016
VeriStrat for Ficlatazumab	PCT	Foreign	(11) Expired / Abandoned	PCT/US2015/04250	4/3/2015		Abandoned	
VeriStrat for Ficlatazumab	PRD	US	(11) Expired / Abandoned	61,376,844	4/8/2014		Abandoned	
VeriStrat for Ficlatazumab	PRO	US	(11) Expired / Abandoned	61,976,443	4/3/2014		Abandoned	
VeriStrat for Ficlatazumab	PRD	US	(11) Expired / Abandoned	62,080,611	11/17/2014		Abandoned	
VeriStrat for Ficlatazumab	PRO	US	(11) Expired / Abandoned	61,926,616	11/17/2014		Abandoned	
VeriStrat for Ficlatazumab	TW	Foreign	(04) Non-Provisional Filed	104111325	4/3/2015		Active	
VeriStrat for Ficlatazumab	US	US	(11) Expired / Abandoned	14,678,423	4/3/2015		Active	
VeriStrat 2.0	CN	Foreign	(05) Published	201410531233.4,	10/10/2014		Active	
VeriStrat 2.0	PCT	Foreign	(11) Expired / Abandoned	PCT/US14/51247	6/15/2014		Abandoned	
VeriStrat 2.0	PRD	US	(11) Expired / Abandoned	61,975,267	4/4/2014		Abandoned	
VeriStrat 2.0	TW	Foreign	(10) Issued / Granted	103129746	8/28/2014	1541674	Active	7/11/2016
VeriStrat 2.0	US	US	(10) Issued / Granted	14/460,769	8/15/2014	9,211,314	Active	12/15/2015
VeriStrat 2.0 Methods	US	US	(11) Expired / Abandoned	14,668,615	3/25/2015		Active	
Test for predicting early relapse and guiding treatment in breast	PRC	US	(11) Expired / Abandoned	62,030,188	6/30/2014		Abandoned	
Test for predicting early relapse and guiding treatment in breast	PRD	US	(11) Expired / Abandoned	62,031,076	6/19/2014		Abandoned	
Test for predicting early relapse and guiding treatment in breast	US	US	(05) Examination Year 1	14,721,662	6/5/2015		Active	
#REF!	EP		(04) Non-Provisional Filed	15846544.3	9/29/2015			
Predictive test for aggressiveness of prostate cancer	PCT	Foreign	(11) Expired / Abandoned	PCT/US2015/022927	12/9/2015		Active	
Predictive test for aggressiveness of prostate cancer	PRC	US	(11) Expired / Abandoned	62,026,792	10/2/2014		Abandoned	
Predictive test for aggressiveness of prostate cancer	TW	Foreign	(05) Published	201617030	10/2/2015		Active	
Predictive test for aggressiveness of prostate cancer	US	US	(10) Issued / Granted	14/869,348	9/29/2015	9,779,204	Active	10/3/2017
#REF!	US		(06) Examination Year 1	15/701,668	9/12/2017		Active	
Test for graft versus host disease	PRD	US	(11) Expired / Abandoned	62,026,606	11/2/2014		Abandoned	

Title	Country	Region / I.P.	Patent Status	Serial No.	Filing Date	Parent No.	Abandoned / Active	Issue Date
Test for graft-versus-host disease	US	US	(04) Non-Provisional Filed	14/949,229	11/23/2015	9,563,744	Active	2/7/2017
Early detection of HCC (BDX004)	PCT	Foreign	(11) Expired / Abandoned	PCT/US2015/023065	11/19/2015		Abandoned	
Early detection of HCC (BDX008)	PRG	US	(11) Expired / Abandoned	62/086,805	12/3/2014		Abandoned	
Early detection of HCC (BDX004)	PW	Foreign	(11) Expired / Abandoned	104137036	11/19/2015		Abandoned	
Early detection of HCC (BDX008)	US	US	(05) Published	14/936,847	11/10/2015		Active	
Test for prognosis of myelodysplastic syndrome (MDS)	PRG	US	(11) Expired / Abandoned	62/086,807	12/3/2014		Abandoned	
Test for prognosis of myelodysplastic syndrome (MDS)	US	US	(06) Examination Year 1	14/946,045	11/19/2015		Active	
"bagged filtering"	PRG	US	(11) Expired / Abandoned	PCT/US2015/02046	4/5/2016		Abandoned	
"bagged filtering"	PCT	Foreign	(05) Published	62/154,844	4/30/2015		Abandoned	
"bagged filtering"	US	US	(04) Non-Provisional Filed	15/019,417	4/4/2016		Active	
"bagged filtering"	PCT	Foreign	(04) Non-Provisional Filed	15/019,417	4/4/2016		Abandoned	
Predictive test for melanoma patient benefit from antibody drug blocking ligand activation of the T-cell programmed cell death 1 (PD-1) checkpoint protein and classifier development methods	PCT	Foreign	(04) Non-Provisional Filed	PCT/US2016/41860	7/12/2016		Active	
Predictive Test For Patient Benefit From Immunotherapy	PRG	US	(11) Expired / Abandoned	62/191,895	7/13/2015		Abandoned	
Predictive Test For Patient Benefit From Immunotherapy	PRG	US	(11) Expired / Abandoned	62/286,587	2/3/2016		Abandoned	
Training of Classifiers Using Subsets of Meta Spectral Features Associated with Biological Functions	PRG	US	(01) Provisional Filed	62/040,727	5/24/2016		Active	
Predictive test for melanoma patient benefit from antibody drug blocking ligand activation of the T-cell programmed cell death 1 (PD-1) checkpoint protein and classifier development methods	US	US	(04) Non-Provisional Filed	15/207,825	7/12/2016		Active	
Predictive Test for Melanoma Patient Benefit from Interleukin-2 (IL2) therapy	PRO	US	(03) Provisional Filed	62/369,289	2/1/2016		Active	
Predictive Test for Melanoma Patient Benefit from Interleukin-2 (IL2) therapy	PCT	Foreign	(04) Non-Provisional Filed	PCT/US2017/013920	1/18/2017		Active	
PDL1 Assay			(01) Unfiled				Active	
Classifier Generation Methods and Predictive Test for Ovarian Cancer Patient Prognosis Under Platinum Chemotherapy	PCT	Foreign	(04) Non-Provisional Filed	PCT/US2017/021736	3/10/2017		Active	
Classifier Generation Methods and Predictive Test for Ovarian Cancer Patient Prognosis Under Platinum	PRG	US	(11) Expired / Abandoned	62/311,985	4/8/2016		Abandoned	
Pre-treatment Serum Test Identifying Non-Liver Cell Lung Cancer Patient Benefit from Addition of Gemtuzumab to Docetaxel	PRG	US	(11) Expired / Abandoned	62/415,138	10/31/2016		Active	
Durable benefit from immunotherapy in poor prognosis groups	PRO	US	(03) Provisional Filed	62/442,557	1/5/2017		Active	
Durable benefit from immunotherapy in poor prognosis groups	PCT	Foreign	(04) Non-Provisional Filed	PCT/US2018/012564	1/5/2018		Active	
Diagnostic Test System for Specific, Sensitive and Reproducible Detection of Circulating Nucleic Acids in Whole Blood	US	US	(03) Provisional Filed	62/442,578	1/5/2017		Active	
Diagnostic Test System for Specific, Sensitive and Reproducible Detection of Circulating Nucleic Acids in Whole Blood	EP	Foreign	(04) Non-Provisional Filed	18150429.1	1/5/2018		Active	

Title	Country	Application ID #	Patent Status	Serial No.	Filing Date	Patent Use	Abandoned/Active	Issue Date
Diagnostic Test System for Specific, Sensitive and Reproducible Detection of Circulating Nucleic Acids in Whole Blood	US	US	(04) Non-Provisional Filed	15/862,896	1/5/2018		Active	
Diagnostic Test System for Specific, Sensitive and Reproducible Detection of Circulating Nucleic Acids in Whole Blood	PRO	US	(01) Unfiled				Active	
Diagnostic Test System for Specific, Sensitive and Reproducible Detection of Circulating Nucleic Acids in Whole Blood	PRO	US	(01) Unfiled				Active	

Lender's security interest recorded at the United States Patent and Trademark Office - Patent division on February 23, 2018 at Reel/Frame 045022/0976.

EXHIBIT B

Trademarks

<u>Description</u>	<u>Serial/Registration No.</u>	<u>File Date</u>
BIODESIX LUNG REFLEX	3363516	December 26, 2017
VERISTRAT LIQUID BIOPSY	87328186	February 8, 2017
GENESTRAT LIQUID BIOPSY	87328149	February 8, 2017
ONCOSTRAT	87629867	October 3, 2017
BIODESIX LUNG REFLEX	87588039	August 28, 2017
IMMUNOSTRAT	86388491	April 6, 2015
DIAGNOSTIC CORTEX	5087240	November 22, 2016
GENESTRAT	5042185	September 13, 2016
WE THINK FORWARD	4588638	August 19, 2014
DEEP MALDI	4660213	December 23, 2014
GUIDING THE WAY	4221851	October 9, 2012
BIODESIX: MAKING MEDICINE PERSONAL	4223067	October 9, 2012
PROTS	3655582	July 14, 2009
VERISTRAT	3470295	July 22, 2008
BIODESIX	3483094	August 12, 2008

Lender's security interest recorded at the United States Patent and Trademark Office – Trademark division on February 23, 2018, at Reel/Frame Number 6285/0291.