

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM769343

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Security Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Biodesix, Inc.		11/21/2022	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Perceptive Credit Holdings IV, LP		
Street Address:	51 Astor Place 10th Floor		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10003		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 22			
Property Type	Number	Word Mark	
Registration Number:	5548759	BIODESIX LUNG REFLEX	
Registration Number:	5363516	BIODESIX LUNG REFLEX	
Registration Number:	3483094	BIODESIX	
Registration Number:	4660213	DEEP MALDI	
Registration Number:	5087240	DIAGNOSTIC CORTEX	
Registration Number:	5965603	EARLYCDT-LUNG	
Registration Number:	5965605	EARLYCDT-LUNG	
Registration Number:	5042185	GENESTRAT	
Registration Number:	5670693	IMMUNOSTRAT	
Registration Number:	4966111	INDI	
Registration Number:	6137189	NODIFY	
Registration Number:	6456820	NODIFY CDT	
Registration Number:	6349475	NODIFY LUNG	
Registration Number:	6142799	NODIFY XL2	
Registration Number:	3470295	VERISTRAT	
Serial Number:	97036444	GENESTRAT	
Serial Number:	97036428	GENESTRAT NGS	
Serial Number:	97119106	IQLUNG	
Serial Number:	97122430	IQLUNG	

OP \$565.00 5548759

Property Type	Number	Word Mark
Serial Number:	97137988	IQLUNG
Serial Number:	97036452	VERISTRAT
Serial Number:	88614360	XPRESYS

CORRESPONDENCE DATA

Fax Number:

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: 212-655-2539
Email: khipps@chapman.com
Correspondent Name: Chapman and Cutler LLP
Address Line 1: 1270 Avenue of the Americas, 30th Floor
Address Line 2: Kristopher Phipps
Address Line 4: New York, NEW YORK 10020

NAME OF SUBMITTER:	Kristopher Phipps
SIGNATURE:	/Kristopher Phipps/
DATE SIGNED:	11/22/2022

Total Attachments: 11
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PATENT & TRADEMARK SECURITY AGREEMENT

November 21, 2022

WHEREAS, BIODESIX, INC., a Delaware corporation (the “*Company*”) and each entity that becomes a “Grantor” under the Security Agreement (together with the Company “*Grantors*” and each, a “*Grantor*”) are parties to that certain Security Agreement, dated as of the date hereof (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “*Security Agreement*”; capitalized terms used herein without definition shall have the meanings set forth in the Security Agreement), among certain Grantors party thereto from time to time and PERCEPTIVE CREDIT HOLDINGS IV, LP, a Delaware limited partnership, as administrative agent for the Secured Parties (in such capacity, the “*Administrative Agent*”), pursuant to which Grantors have granted in favor of the Administrative Agent a lien on all of their personal property constituting Collateral, including without limitation the patents and patent applications listed on Schedule A hereto, and the trademarks and trademark applications listed on Schedule B hereto; and

WHEREAS, it is a condition to the advance of the loans and other obligations secured by the Security Agreement, that each Grantor execute and deliver this Patent and Trademark Security Agreement;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

As collateral security for the prompt and complete payment in full and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations, each Grantor hereby pledges and grants to the Administrative Agent a security interest in accordance with and subject to the terms and conditions of the Security Agreement (and the Intellectual Property referenced therein) in all of such Grantor’s right, title and interest in, to and under all of the following Intellectual Property, in each case to the extent such Intellectual Property is not an Excluded Asset:

(i) all patents and patent applications, including the inventions and improvements described and claimed therein, in each case whether now owned by such Grantor or hereafter acquired by such Grantor and whether now existing or hereafter coming into existence, including without limitation those listed on **Schedule A** hereto, and all related reissues, divisions, continuations, renewals, extensions and continuations in part thereof; and

(ii) all of the trade names, trademarks and service marks, logos, trademark and service mark registrations, and applications for trademark and service mark registrations, whether now owned by such Grantor or at any time hereafter acquired by such Grantor and whether now existing or hereafter coming into existence, that are registered with, or for which applications for registration have been filed with, the United States Patent and Trademark Office, that are registered with, or for which applications for registration have been filed with, the United States Patent and

Trademark Office, including without limitation those listed on **Schedule B** hereto, and all renewals of trademark and service mark registrations and all goodwill associated therewith (excluding any application for registration of a trademark filed on an intent-to-use basis solely to the extent that the grant of a security interest in any such trademark application would materially adversely affect the validity or enforceability of the resulting trademark registration or result in cancellation of such trademark application).


Notwithstanding the foregoing, in the event of any conflict between this Patent and Trademark Security Agreement and the Security Agreement, the Security Agreement shall control.

THIS PATENT AND TRADEMARK SECURITY AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER, AND ALL CLAIMS, DISPUTES AND MATTERS ARISING HEREUNDER OR RELATED HERETO, SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK APPLICABLE TO CONTRACTS EXECUTED IN AND TO BE PERFORMED ENTIRELY WITHIN THAT STATE, WITHOUT REFERENCE TO CONFLICTS OF LAWS PROVISIONS (OTHER THAN SECTION 5-1401 OF THE NEW YORK GENERAL OBLIGATIONS LAW).

[signature to follow]

IN WITNESS WHEREOF, the Company has caused this Patent and Trademark Security Agreement to be duly executed and delivered as of the day and year first above written.

BIODESIX, INC.

By:  *Electronically signed by: Robin Cowie*
Date: Nov 17, 2022 09:41 MST

Name: Robin Harper Cowie
Title: Chief Financial Officer

SIGNATURE PAGE

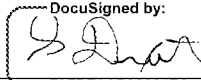
PATENT AND TRADEMARK SECURITY AGREEMENT

TRADEMARK
REEL: 007900 FRAME: 0229

ADMINISTRATIVE AGENT:

PERCEPTIVE CREDIT HOLDINGS IV, LP

By: Perceptive Credit Opportunities GP, LLC,
its general partner

By:  DocuSigned by:
79FBFAAB029047C...
Name: Sandeep Dixit
Title: Chief Credit Officer

By:  DocuSigned by:
22AB09C1A7E748E...
Name: Sam Chawla
Title: Portfolio Manager

SIGNATURE PAGE

PATENT AND TRADEMARK SECURITY AGREEMENT

TRADEMARK
REEL: 007900 FRAME: 0230

Schedule A
to Patent and Trademark Security Agreement

UNITED STATES PATENTS AND PATENT APPLICATIONS

<u>#</u>	<u>Obligor</u>	<u>Patent Application Number</u>	<u>Filing Date</u>	<u>Patent or Publication Number</u>	<u>Date of Issuance or Publication</u>	<u>Status</u>
1.	Biodesix, Inc.	11/396,328	3/31/2006	7,736,905	6/15/2010	Issued / Granted
2.	Biodesix, Inc.	12/321,394	1/20/2009	7,858,390	12/28/2010	Issued / Granted
3.	Biodesix, Inc.	12/321,393	1/20/2009	7,867,775	1/11/2011	Issued / Granted
4.	Biodesix, Inc.	12/321,392	1/20/2009	7,858,389	12/28/2010	Issued / Granted
5.	Biodesix, Inc.	12/661,129	3/10/2010	7,879,620	2/1/2011	Issued / Granted
6.	Biodesix, Inc.	12/661,124	3/10/2010	8,097,469	1/17/2012	Issued / Granted
7.	Biodesix, Inc.	12/806,137	8/6/2010	9,824,182	11/21/2017	Issued / Granted
8.	Biodesix, Inc.	13/373,336	11/11/2011	9,152,758	10/6/2015	Issued / Granted
9.	Biodesix, Inc.	12/218,519	7/15/2008	8,024,282	9/20/2011	Issued / Granted
10.	Biodesix, Inc.	12/584,594	9/8/2009	7,906,342	3/15/2011	Issued / Granted
11.	Biodesix, Inc.	12/931,324	1/27/2011	8,119,418	2/21/2012	Issued / Granted
12.	Biodesix, Inc.	12/931,322	1/27/2011	8,119,417	2/21/2012	Issued / Granted
13.	Biodesix, Inc.	13/313,791	12/7/2011	8,586,379	11/19/2013	Issued / Granted
14.	Biodesix, Inc.	13/313,838	12/7/2011	8,586,380	11/19/2013	Issued / Granted
15.	Biodesix, Inc.	13/356,730	1/24/2012	8,914,238	12/16/2014	Issued / Granted
16.	Biodesix, Inc.	13/741,634	1/15/2013	9,254,120	2/9/2016	Issued / Granted
17.	Biodesix, Inc.	13/836,436	3/15/2013	9,279,798	3/8/2016	Issued / Granted
18.	Biodesix, Inc.	14/868,575	9/29/2015	9,606,101	3/28/2017	Issued / Granted

<u>#</u>	<u>Obligor</u>	<u>Patent Application Number</u>	<u>Filing Date</u>	<u>Patent or Publication Number</u>	<u>Date of Issuance or Publication</u>	<u>Status</u>
19.	Biodesix, Inc.	13/835,909	3/15/2013	9,653,272	5/16/2017	Issued / Granted
20.	Biodesix, Inc.	15/584,275	5/2/2017	10,593,529	3/17/2020	Issued / Granted
21.	Biodesix, Inc.	13/733,018	1/2/2013	8,467,988	6/18/2013	Issued / Granted
22.	Biodesix, Inc.	14/486,442	9/15/2014	9,477,906	10/25/2016	Issued / Granted
23.	Biodesix, Inc.	14/460,769	8/15/2014	9,211,314	12/15/2015	Issued / Granted
24.	Biodesix, Inc.	14/869,348	9/29/2015	9,779,204	10/3/2017	Issued / Granted
25.	Biodesix, Inc.	15/701,668	9/12/2017	10,489,550	11/26/2019	Issued / Granted
26.	Biodesix, Inc.	14/949,229	11/23/2015	9,563,744	2/7/2017	Issued / Granted
27.	Biodesix, Inc.	14/936,847	11/10/2015	10,037,874	7/31/2018	Issued / Granted
28.	Biodesix, Inc.	16/020,183	6/27/2018	10,217,620	2/26/2019	Issued / Granted
29.	Biodesix, Inc.	15/899,866	2/20/2018			Allowed
30.	Biodesix, Inc.	15/091,417	4/5/2016	10,713,590	7/14/2020	Issued / Granted
31.	Biodesix, Inc.	15/991,601	5/29/2018	10,950,348	3/16/2021	Issued / Granted
32.	Biodesix, Inc.	17/119,200	12/11/2020		4/1/2021 (publication date)	Non-Provisional Filed
33.	Biodesix, Inc.	16/070,603	7/17/2018		1/17/2019 (publication date)	Published
34.	Biodesix, Inc.	16/092,023	10/8/2018		4/7/2022 (publication date)	Non-Provisional Filed
35.	Biodesix, Inc.	16/475,752	7/3/2019	11,150,238	10/19/2021	Issued / Granted
36.	Biodesix, Inc.	17/495,213	10/6/2021		1/27/2022 (publication date)	Non-Provisional Filed
37.	Biodesix, Inc.	15/862,896	1/5/2018	10,870,891	12/22/2020	Issued / Granted

Schedule A-2

TRADEMARK
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<u>#</u>	<u>Obligor</u>	<u>Patent Application Number</u>	<u>Filing Date</u>	<u>Patent or Publication Number</u>	<u>Date of Issuance or Publication</u>	<u>Status</u>
38.	Biodesix, Inc.	16/772,135	12/15/2018		12/2/2021 (publication date)	Published
39.	Biodesix, Inc.	17/031,042	9/24/2020		4/22/2021 (publication date)	Non-Provisional Filed
40.	Biodesix, Inc.	13/306,823	11/29/2011	9,403,889	8/2/2016	Issued / Granted
41.	Biodesix, Inc.	15/685,535	8/24/2017		1/4/2018 (publication date)	Published
42.	Biodesix, Inc.	13/725,098	12/21/2012	9,091,651	7/28/2015	Issued / Granted
43.	Biodesix, Inc.	15/476,118	3/31/2017	10,534,002	1/14/2020	Issued / Granted
44.	Biodesix, Inc.	13/724,823	12/21/2012	9,201,044	12/1/2015	Issued / Granted
45.	Biodesix, Inc.	14/926,735	10/29/2015	9,588,127	3/7/2017	Issued / Granted
46.	Biodesix, Inc.	15/786,924	10/18/2017		3/8/2018 (publication date)	Published
47.	Biodesix, Inc.	13/775,494	2/23/2013	9,304,137	4/5/2016	Issued / Granted
48.	Biodesix, Inc.	15/051,153	2/23/2016	10,338,074	7/2/2019	Issued / Granted
49.	Biodesix, Inc.	17/470,462	9/9/2021		6/2/2022 (publication date)	Non-Provisional Filed
50.	Biodesix, Inc.	16/703027	12/4/2019	11,467,167	10/11/2022	Issued / Granted
51.	Biodesix, Inc.	14/341,245	7/25/2014	9,297,805	3/29/2016	Issued / Granted
52.	Biodesix, Inc.	15/680,656	8/18/2017	11,193,935	12/7/2021	Issued / Granted
53.	Biodesix, Inc.	14/612,959	2/3/2015	9,594,085	3/14/2017	Issued / Granted
54.	Biodesix, Inc.	15/587,767	5/5/2017	10,802,027	10/13/2020	Issued / Granted
55.	Biodesix, Inc.	17/069,666	10/13/2020		9/16/2021 (publication date)	Non-Provisional Filed

Schedule A-3

TRADEMARK
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<u>#</u>	<u>Obligor</u>	<u>Patent Application Number</u>	<u>Filing Date</u>	<u>Patent or Publication Number</u>	<u>Date of Issuance or Publication</u>	<u>Status</u>
56.	Biodesix, Inc.	11/342,366	1/27/2006	9,002,652	4/7/2015	Issued / Granted
57.	Biodesix, Inc.	13/570,096	8/8/2012	9,234,895	1/12/2016	Issued / Granted
58.	Biodesix, Inc.	13/023,366	2/8/2011	8,603,752	12/10/2013	Issued / Granted
59.	Biodesix, Inc.	14/100,301	12/9/2013	9,103,834	8/11/2015	Issued / Granted
60.	Biodesix, Inc.	12/376,951	6/30/2010	8586006	11/19/2013	Issued / Granted
61.	Biodesix, Inc.	17/430,998	8/13/2021		10/27/2022 (publication date)	Non-Provisional Filed
62.	Biodesix, Inc.	16/296,918	3/8/2019	10,422,729	9/24/2019	Issued/Granted
63.	Biodesix, Inc.	17/514,737	10/29/2021			Allowed
64.	Biodesix, Inc.	15/274,012	9/23/2016		3/16/2017	Abandoned
65.	Biodesix, Inc.	17/344,352	6/10/2021	11,476,003	10/18/2022	Non-Provisional Filed
66.	Biodesix, Inc.	17/360,254	6/28/2021		6/16/2022 (publication date)	Non-Provisional Filed
67.	Biodesix, Inc.	17/902,055	9/2/2022			Non-Provisional Filed
68.	Biodesix, Inc.	63/150,050	2/16/2021			Provisional Filed
69.	Biodesix, Inc.	63/301,825	1/21/2022			Provisional Filed
70.	Biodesix, Inc.	63/304,107	1/28/2022			Provisional Filed
71.	Biodesix, Inc.	16/952,473	11/19/2020		10/14/2021 (publication date)	Non-Provisional Filed
72.	Biodesix, Inc.	15/207,825	07/12/2016	10,007,766	06/26/2018	Issued/Granted

Schedule A-4

TRADEMARK
REEL: 007900 FRAME: 0234

Schedule B
to Patent and Trademark Security Agreement

UNITED STATES TRADEMARKS AND TRADEMARK APPLICATIONS

<u>#</u>	<u>Obligor</u>	<u>Trademarks</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>	<u>Registration No.</u>	<u>Registration Date</u>
1.	Biodesix, Inc.	BIODESIX LUNG REFLEX	87586059	8/28/2017	Registered	5548759	8/28/2018
2.	Biodesix, Inc.	BIODESIX LUNG REFLEX	87/422,891	4/24/2017	Registered	5363516	12/26/2017
3.	Biodesix, Inc.	BIODESIX	77141889	3/27/2007	Registered	3483094	08/12/2008
4.	Biodesix, Inc.	DEEP MALDI	85/853,947	2/19/2013	Registered	4660213	12/23/2014
5.	Biodesix, Inc.	DIAGNOSTIC CORTEX	86/525907	2/5/2015	Registered	5087240	11/22/2016
6.	Biodesix, Inc.	EARLYCDT- LUNG	88483638	6/21/2019	Registered	5965603	1/21/2020
7.	Biodesix, Inc.	EARLYCDT- LUNG	88483651	6/21/2019	Registered	5965605	1/21/2020
8.	Biodesix, Inc.	GENESTRAT	86/618561	5/4/2015	Registered	5042185	9/13/2016
9.	Biodesix, Inc.	GENESTRAT	97/036444	9/20/2021	Filed		
10.	Biodesix, Inc.	GENESTRAT NGS	97/036428	9/20/2021	Filed		
11.	Biodesix, Inc.	IMMUNOSTRAT	86/588401	4/6/2015	Registered	5670693	2/5/2019

<u>#</u>	<u>Obligor</u>	<u>Trademarks</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>	<u>Registration No.</u>	<u>Registration Date</u>
12.	Biodesix, Inc.	INDI	86595979	4/13/2015	Registered	4966111	5/24/2016
13.	Biodesix, Inc.	IQLUNG	97119106	11/10/2021	Filed		
14.	Biodesix, Inc.	IQLUNG + Black and White Design	97122430	11/12/2021	Filed		
15.	Biodesix, Inc.	IQLUNG + Color Design	97137988	11/22/2021	Filed		
16.	Biodesix, Inc.	NODIFY	88/329,645	3/7/2019	Registered	6137189	8/25/2020
17.	Biodesix, Inc.	NODIFY CDT	88/819,075	3/3/2020	Registered	6,456,820	8/17/2021
18.	Biodesix, Inc.	NODIFY LUNG	88/819033	3/3/2020	Registered	6349475	5/11/2021
19.	Biodesix, Inc.	NODIFY XL2	88/329,661	3/7/2019	Registered	6142799	9/1/2020
20.	Biodesix, Inc.	VERISTRAT	77141838	3/27/2007	Registered	3470295	7/22/2008
21.	Biodesix, Inc.	VERISTRAT	97/036452	9/20/2021	Filed		
22.	Biodesix, Inc.	XPRESYS	88614360	9/12/2019	Allowed - deferred		

Schedule B-2

RECORDED: 11/22/2022

TRADEMARK
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