

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6704055

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
TRILINEAR BIOVENTURES, LLC	05/11/2021

RECEIVING PARTY DATA

Name:	SANMINA CORPORATION
Street Address:	2700 N. FIRST STREET
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 42

Property Type	Number
Application Number:	16391175
Application Number:	16848646
Application Number:	16779453
Application Number:	16019518
Application Number:	16270268
Application Number:	15404117
Application Number:	15898580
Application Number:	15400916
Application Number:	16183354
Application Number:	16172661
Application Number:	16433947
Application Number:	15707914
Application Number:	15958620
Application Number:	16995004
Application Number:	15718721
Application Number:	15462700
Application Number:	16103876
Application Number:	17127266
Application Number:	14866500
Application Number:	15811479

PATENT

Property Type	Number
Application Number:	16711038
Application Number:	15804581
Application Number:	15859147
Application Number:	16730701
Application Number:	15485816
Application Number:	17190238
Application Number:	15867632
Application Number:	16208358
Application Number:	15490813
Application Number:	16239417
Application Number:	17142999
Application Number:	15489391
Application Number:	16570612
Application Number:	15680991
Application Number:	16993944
Application Number:	15622941
Application Number:	16930133
Application Number:	15275388
Application Number:	17199337
Application Number:	15275444
Application Number:	17192743
Application Number:	15276760

CORRESPONDENCE DATA

Fax Number: (415)947-2099

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: 4159472169

Email: qluflood@wsgr.com

Correspondent Name: WILSON SONSINI GOODRICH & ROSATI, P.C.

Address Line 1: ONE MARKET PLAZA, SPEAR TOWER, SUITE 330

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	6069.436
NAME OF SUBMITTER:	QUI LU FLOOD
SIGNATURE:	/Qui Lu Flood/
DATE SIGNED:	05/11/2021

Total Attachments: 7
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of May 11, 2021 is made by **TRILINEAR BIOVENTURES, LLC**, an Alabama limited liability company ("Company"), in favor of **SANMINA CORPORATION**, a Delaware corporation ("Secured Party").

RECITALS

A. Company and Secured Party have entered into that certain Asset Purchase Agreement, dated as of April 22, 2021 (the "**Asset Purchase Agreement**"), pursuant to which Company has purchased certain assets from Secured Party. To secure payment of the obligations of Company to Secured Party, Company has granted a security interest in certain intellectual property and other assets to Secured Party, all upon the terms and subject to the conditions set forth in that certain Security Agreement, dated as of April 22, 2021, by and between Company and Secured Party (as the same may be amended, restated, modified or supplemented from time to time, the "**Security Agreement**"; capitalized terms used but not otherwise defined herein have the definitions assigned to such terms in the Security Agreement).

B. Pursuant to the terms of the Security Agreement, Company has granted to Secured Party a security interest in all of each Company's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Security Agreement, Company hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Security Agreement, Company grants and pledges to Secured Party a security interest in all of such Company's right, title and interest in, to and under the Collateral (including without limitation those copyrights, patents and trademarks listed on Exhibits A, B and C hereto), and all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof, in each case whether now owned or hereafter acquired.

This security interest is granted in conjunction with the security interest granted to Secured Party under the Security Agreement. The rights and remedies of Secured Party with respect to the security interest granted hereby are in addition to those set forth in the Security Agreement, the Buyer Note and the Asset Purchase Agreement (collectively, the "Transaction Documents"), and those which are now or hereafter available to Secured Party as a matter of law or equity. Each right, power and remedy of Secured Party provided for herein or in the Security Agreement or any of the Transaction Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Secured Party of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Security Agreement or any of the other Transaction Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Secured Party, of any or all other rights, powers or remedies.

(signature page follows)

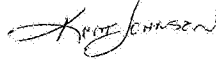
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Company:

P.O. Box 31
Huntsville, AL 35804

COMPANY:

TRILINEAR BIOVENTURES, LLC

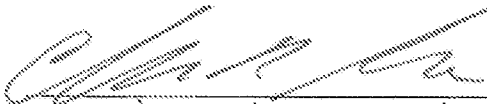
By: 
Name: Keith Johnson
Title: Managing Member

Address of Secured Party:

2700 N. First Street
San Jose, CA 95134

SECURED PARTY:

SANMINA CORPORATION

By: 
Name: Charlyne E. Sedgwick
Title: Vice President, Legal

(Signature page to Intellectual Property Security Agreement)

PATENT
REEL: 056205 FRAME: 0743

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

#	DOCKET NO.	COUNTRY	SERIAL NO.	PATENT NO.	FILE DATE	ISSUE DATE	STATUS	TITLE
1	SAN-1113DE	DE	602016051179.7		9/25/2016		ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
2	SAN-1108CON	US	16/391,175		4/22/2019		PUBLISHED	SYSTEM AND METHOD FOR GLUCOSE MONITORING
3	SAN-1108EP	EP	16828226.7		7/11/2016		PUBLISHED	SYSTEM AND METHOD FOR GLUCOSE MONITORING
4	SAN-1113GB	GB	16849833.5	3337390	9/25/2016		ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
5	SAN-1208T1	US	16/848,646	10,973,470	4/14/2020	4/13/2021	ISSUED	SYSTEM AND METHOD FOR SCREENING AND PREDICTION OF SEVERITY OF INFECTION
6	SAN-1207T1	US	16/779,453	10,952,682	1/31/2020	3/23/2021	ISSUED	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF HEALTH PARAMETERS
7	SAN-1146DIV	US	16/019,518	10,945,676	6/26/2018	3/16/2021	ISSUED	SYSTEM AND METHOD FOR BLOOD TYPING USING PPG TECHNOLOGY
8	SAN-1113CIPCON	US	16/270,268		2/7/2019		PUBLISHED	SYSTEM AND METHOD FOR A BIOSENSOR INTEGRATED IN A VEHICLE
9	SAN-1113CN	CN	201680055795.3		9/25/2016		PUBLISHED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
10	SAN-1131	US	15/404,117	10,932,727	1/11/2017	3/2/2021	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING INCLUDING A USER DEVICE AND BIOSENSOR
11	SAN-1149T1	US	15/898,580	10,888,280	2/17/2018	1/12/2021	ISSUED	SYSTEM AND METHOD FOR OBTAINING HEALTH DATA USING A NEURAL NETWORK
12	SAN-1113EP	EP	16849833.5		9/25/2016		ALLOWED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
13	SAN-1113EP-DIV	EP	20216675.7		9/25/2016		PENDING	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
14	SAN-1110	US	15/400,916	10,750,981	1/6/2017	8/25/2020	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING INCLUDING A REMOTE DEVICE
15	SAN-1113IN	IN	201817009972		9/25/2016		PUBLISHED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
16	SAN-1124CON2	US	16/183,354	10,744,262	11/7/2018	8/18/2020	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING BY AN EAR PIECE
17	SAN-1123CN	CN	201680055700.8		9/25/2016		PUBLISHED	SYSTEM AND METHOD FOR A BIOSENSOR MONITORING AND TRACKING BAND
18	SAN-1156T1	US	16/172,661	10,744,261	10/26/2018	8/18/2020	ISSUED	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF VASODILATION
19	SAN-1123EP	EP	16849834.3		9/25/2016		PUBLISHED	SYSTEM AND METHOD FOR A BIOSENSOR MONITORING AND TRACKING BAND
20	SAN-1205T1	US	16/433,947	10,736,580	6/6/2019	8/11/2020	ISSUED	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF MICROVASCULAR RESPONSES
21	SAN-1125	US	15/707,914	10,672,298	9/18/2017	6/2/2020	ISSUED	SYSTEM AND METHOD FOR A BLOOD FLOW SIMULATOR
22	SAN-1142CON1	US	15/958,620	10,524,720	4/20/2018	1/7/2020	ISSUED	SYSTEM AND METHOD FOR DETECTING A HEALTH CONDITION USING AN OPTICAL SENSOR
23	SAN-	US	16/995,004		8/17/2020		PUBLISHED	SYSTEM AND METHOD FOR HEALTH

#	DOCKET NO.	COUNTRY	SERIAL NO.	PATENT NO.	FILE DATE	ISSUE DATE	STATUS	TITLE
	1124CON3							MONITORING BY AN EAR PIECE
24	SAN-1124EP	EP	16849902.8		9/26/2016		PUBLISHED	SYSTEM AND METHOD FOR A DRUG DELIVERY AND BIOSENSOR PATCH
25	SAN-1135CON1	US	15/718,721	10,517,515	9/28/2017	12/31/2019	ISSUED	SYSTEM AND METHOD FOR MONITORING NITRIC OXIDE LEVELS USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
26	SAN-1134	US	15/462,700	10,500,354	3/17/2017	12/10/2019	ISSUED	SYSTEM AND METHOD FOR ATOMIZING AND MONITORING A DRUG CARTRIDGE DURING INHALATION TREATMENTS
27	SAN-1150T1	US	16/103,876	10,466,783	8/14/2018	11/5/2019	ISSUED	SYSTEM AND METHOD FOR MOTION DETECTION USING A PPG SENSOR
28	SAN-1131CON2	US	17/127,266		12/18/2020		PENDING	SYSTEM AND METHOD FOR HEALTH MONITORING INCLUDING A USER DEVICE AND BIOSENSOR
29	SAN-1131EP	EP	17736541.8		1/10/2017		PUBLISHED	SYSTEM AND METHOD FOR HEALTH MONITORING INCLUDING A USER DEVICE AND BIOSENSOR
30	SAN-1113CA	CA	2999410	2999410	9/25/2016	8/27/2019	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
31	SAN-1108	US	14/866,500	10,321,860	9/25/2015	6/18/2019	ISSUED	SYSTEM AND METHOD FOR GLUCOSE MONITORING
32	SAN-1113CIP	US	15/811,479	10,238,346	11/13/2017	3/26/2019	ISSUED	SYSTEM AND METHOD FOR A BIOSENSOR INTEGRATED IN A VEHICLE
33	SAN-1135CON2	US	16/711,038		12/11/2019		PUBLISHED	SYSTEM AND METHOD FOR MONITORING NITRIC OXIDE LEVELS USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
34	SAN-1135EP	EP	18758516.1		2/22/2018		PUBLISHED	SYSTEM AND METHOD FOR MONITORING NITRIC OXIDE LEVELS USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
35	SAN-1131CON1	US	15/804,581	10,231,674	11/6/2017	3/19/2019	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING INCLUDING A USER DEVICE AND BIOSENSOR
36	SAN-1147T1	US	15/859,147	10,194,871	12/29/2017	2/5/2019	ISSUED	VEHICULAR HEALTH MONITORING SYSTEM AND METHOD
37	SAN-1142CON2	US	16/730,701		12/30/2019		PUBLISHED	SYSTEM AND METHOD FOR DETECTING A HEALTH CONDITION USING AN OPTICAL SENSOR
38	SAN-1142EP	EP	18167950.7		4/18/2018		ALLOWED	SYSTEM AND METHOD FOR DETECTING A SEPSIS CONDITION
39	SAN-1124CON	US	15/485,816	10,155,087	4/12/2017	12/18/2018	ISSUED	SYSTEM AND METHOD FOR A DRUG DELIVERY AND BIOSENSOR PATCH
40	SAN-1146DIVCON	US	17/190,238		3/2/2021		PENDING	SYSTEM AND METHOD FOR DETERMINING BLOOD DISORDERS FOR A BLOOD TYPE USING PPG TECHNOLOGY
41	SAN-1146EP	EP	18876705.7		6/18/2018		PUBLISHED	SYSTEM AND METHOD FOR BLOOD TYPING USING PPG TECHNOLOGY
42	SAN-1146T1	US	15/867,632	10,039,500	1/10/2018	8/7/2018	ISSUED	SYSTEM AND METHOD FOR BLOOD TYPING USING PPG TECHNOLOGY
43	SAN-1147CON	US	16/208,358		12/3/2018		PUBLISHED	VEHICULAR HEALTH MONITORING SYSTEM AND METHOD
44	SAN-1147EP	EP	18214841.1		12/20/2018		PUBLISHED	VEHICULAR HEALTH MONITORING SYSTEM AND METHOD
45	SAN-1113CON	US	15/490,813	9,980,676	4/18/2017	5/29/2018	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
46	SAN-1148	US	16/239,417		1/3/2019		PUBLISHED	SYSTEM AND METHOD FOR MONITORING BLOOD CELL LEVELS IN BLOOD FLOW USING PPG TECHNOLOGY
47	SAN-1149CON	US	17/142,999		1/6/2021		PENDING	SYSTEM AND METHOD FOR OBTAINING HEALTH DATA USING PHOTOPLETHYSMOGRAPHY

#	DOCKET NO.	COUNTRY	SERIAL NO.	PATENT NO.	FILE DATE	ISSUE DATE	STATUS	TITLE
48	SAN-1149EP	EP	19754737.5		2/19/2019		PUBLISHED	SYSTEM AND METHOD FOR OBTAINING HEALTH DATA USING A NEURAL NETWORK
49	SAN-1123CON	US	15/489,391	9,974,451	4/17/2017	5/22/2018	ISSUED	SYSTEM AND METHOD FOR A BIOSENSOR MONITORING AND TRACKING BAND
50	SAN-1150CON	US	16/570,612		9/13/2019		PUBLISHED	SYSTEM AND METHOD FOR MOTION DETECTION USING A PPG SENSOR
51	SAN-1150EP	EP	19766923.7		1/25/2019		PUBLISHED	SYSTEM METHOD FOR MOTION DETECTION USING A PPG SENSOR
52	SAN-1142	US	15/680,991	9,968,289	8/18/2017	5/15/2018	ISSUED	SYSTEM AND METHOD FOR DETECTING A SEPSIS CONDITION
53	SAN-1156CON	US	16/993,944		8/14/2020		PUBLISHED	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF VASODILATION
54	SAN-1156EP	EP	19808491.5		5/17/2019		PUBLISHED	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF VASODILATION
55	SAN-1135	US	15/622,941	9,788,767	6/14/2017	10/17/2017	ISSUED	SYSTEM AND METHOD FOR MONITORING NITRIC OXIDE LEVELS USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
56	SAN-1205CON	US	16/930,133		7/15/2020		PUBLISHED	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF MICROVASCULAR RESPONSES
57	SAN-1205EP	EP	20171998.6		4/29/2020		PUBLISHED	DEVICE AND METHOD FOR IDENTIFYING A DISCRETE PULSE OF INSULIN IN BLOOD FLOW
58	SAN-1113	US	15/275,388	9,642,578	9/24/2016	5/9/2017	ISSUED	SYSTEM AND METHOD FOR HEALTH MONITORING USING A NON-INVASIVE, MULTI-BAND BIOSENSOR
59	SAN-1207CON	US	17/199,337		3/11/2021		PENDING	SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF HEALTH PARAMETERS
60	SAN-1123	US	15/275,444	9,642,538	9/25/2016	5/9/2017	ISSUED	SYSTEM AND METHOD FOR A BIOSENSOR MONITORING AND TRACKING BAND
61	SAN-1208CON	US	17/192,743		3/4/2021		PENDING	SYSTEM AND METHOD FOR SCREENING AND PREDICTION OF SEVERITY OF INFECTION
62	SAN-1208EP	EP	21166385.1		3/31/2021		PENDING	SYSTEM AND METHOD FOR SCREENING AND PREDICTION OF SEVERITY OF INFECTION
63	SAN-1124	US	15/276,760	9,636,457	9/26/2016	5/2/2017	ISSUED	SYSTEM AND METHOD FOR A DRUG DELIVERY AND BIOSENSOR PATCH

EXHIBIT C

Trademarks

None.