

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5352929

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SANMINA CORPORATION	01/30/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	U.S. BANK NATIONAL ASSOCIATION, NOT IN ITS INDIVIDUAL CAPACITY BUT SOLELY AS NOTES COLLATERAL AGENT
<b>Street Address:</b>	633 WEST FIFTH STREET
<b>Internal Address:</b>	24TH FLOOR
<b>City:</b>	LOS ANGELES
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90071
<b>PROPERTY NUMBERS Total: 6</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	10123432
Patent Number:	10155087
Application Number:	16172661
Application Number:	16181180
Application Number:	16183354
Application Number:	16208358
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)493-6811
<i>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.</i>	
<b>Email:</b>	bfriesen@wsgr.com
<b>Correspondent Name:</b>	BARBARA FRIESEN
<b>Address Line 1:</b>	650 PAGE MILL ROAD
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304
<b>ATTORNEY DOCKET NUMBER:</b>	6069.285
<b>NAME OF SUBMITTER:</b>	BARBARA FRIESEN
<b>SIGNATURE:</b>	/Barbara Friesen/
<b>DATE SIGNED:</b>	01/31/2019

**Total Attachments: 6**

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**NOTICE OF SECURITY INTEREST IN TRADEMARKS AND PATENTS**

This NOTICE OF SECURITY INTEREST IN TRADEMARKS AND PATENTS, effective as of *Jan 30*, 2019 (“Notice”) is made by Sanmina Corporation, a Delaware corporation (the “Grantor”), in favor of U.S. Bank National Association, not in its individual capacity but solely as Notes Collateral Agent (the “Notes Collateral Agent”), for its own benefit and the benefit of the other Secured Parties (as defined in the Security Agreement referred to below), in consideration of the mutual covenants contained herein and benefits to be derived herefrom.

**W I T N E S S E T H:**

WHEREAS, Grantor is a party to a Security Agreement, dated as of June 4, 2014, by and among Sanmina Corporation, the Notes Guarantors from time to time party thereto and U.S. Bank National Association for the benefit of the Notes Collateral Agent and the Secured Parties (as amended, modified, supplemented or restated and in effect from time to time, the “Security Agreement”);

WHEREAS, pursuant to the Security Agreement, Grantor has executed and delivered this Notice for the purpose of recording and confirming the grant of the security interest of the Notes Collateral Agent in the Trademark Collateral and Patent Collateral (each as defined below) with the United States Patent and Trademark Office;

NOW, THEREFORE, in consideration of the mutual conditions and agreements set forth herein and in the Security Agreement, and for good and valuable consideration, the receipt of which is hereby acknowledged, the Grantor and the Notes Collateral Agent, on its own behalf and on behalf of the other Secured Parties (and each of their respective successors or assigns), hereby agree as follows:

SECTION 1 Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2 Notice. Grantor hereby notifies the Notes Collateral Agent of Grantor’s filing applications for, being issued a registration in or receiving an issuance of the applications for registration of, or otherwise acquiring ownership of the registered or applied for Trademark Collateral and Patent Collateral (each as defined below).

SECTION 3 Grant of Security Interest. In furtherance and as confirmation of the Security Interest granted by the Grantor to the Notes Collateral Agent (for its own benefit and the benefit of the other Secured Parties) under the Security Agreement, and as further security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby ratifies such Security Interest and grants to the Notes Collateral Agent (for its own benefit and the benefit of the other Secured Parties) a continuing security interest, in all of the present and future right, title and interest of the Grantor in, to and under the following property, and each item thereof, whether now owned or existing or hereafter acquired or arising, together with all products, proceeds, substitutions, and accessions of or to any of the following property (collectively, the “Trademark and Patent Collateral”):

- (a) All Trademarks, including, without limitation, the trademark registrations and trademark applications set forth on Exhibit A attached hereto (collectively, “Trademarks”);
- (b) All Patents, including, without limitation, the patents and patent applications set forth on Exhibit B attached hereto (collectively, “Patents”);

(c) All Patent Licenses and Trademark Licenses (collectively, "Licenses") and all income, royalties, damages and payments now and hereafter due and/or payable under and with respect to the Trademarks and Patents, including, without limitation, payments under all Licenses entered into in connection therewith and damages and payments for past or future infringements, misappropriations or dilutions thereof;

(d) The right to sue for past, present and future infringements, misappropriations and dilutions of any of the Trademarks and Patents; and

(e) All of the Grantor's rights corresponding to any of the foregoing throughout the world.

Notwithstanding the foregoing, (i) no Trademark shall be included in the Trademark and Patent Collateral to the extent that the grant of a security interest in such Trademark would result in, permit or provide grounds for the cancellation or invalidation of such Trademark and (ii) in no event shall the Trademark and Patent Collateral include any Excluded Assets.

SECTION 4. Intent. This Notice is being executed and delivered by the Grantor for the purpose of recording and confirming the grant of the security interest of the Notes Collateral Agent in the Trademark and Patent Collateral with the United States Patent and Trademark Office. It is intended that the security interest granted pursuant to this Notice is granted in conjunction with, and not in addition to or limitation of, the Security Interest granted to the Notes Collateral Agent, for its own benefit and the benefit of the other Secured Parties, under the Security Agreement. All provisions of the Security Agreement shall apply to the Trademark and Patent Collateral, and such provisions are hereby incorporated herein by reference. The Notes Collateral Agent shall have the same rights, remedies, powers, privileges and discretions with respect to the security interests created in the Trademark and Patent Collateral as in all other Collateral. In the event of a conflict between this Notice and the Security Agreement, the terms of the Security Agreement shall control.

SECTION 5. Recordation. The Grantor authorizes and requests that the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this Notice.

SECTION 6. Governing Law. THIS NOTICE SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

SECTION 7. Termination; Release of Trademark and Patent Collateral. Upon termination of the Security Interest in the Trademark and Patent Collateral in accordance with the Security Agreement, the Notes Collateral Agent shall execute, acknowledge, and deliver to the Grantor, an instrument in writing in recordable form releasing the collateral pledge, grant, lien and security interest in the Trademark and Patent Collateral under this Notice. Any execution and delivery of termination statements, releases or other documents pursuant to this Section 7 shall be without recourse to, or warranty by, the Notes Collateral Agent or any other Secured Party.


SECTION 8. Concerning the Notes Collateral Agent. It is expressly understood and agreed that U.S. Bank National Association is executing this Notice solely in its capacity as Notes Collateral Agent as appointed pursuant to the Indenture, and shall be entitled to all of the rights, privileges, immunities and protections under the Indenture as if such rights, privileges, immunities and protections were set forth herein.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Grantor and the Notes Collateral Agent have caused this Notice to be executed by their duly authorized officers as of the date first above written.

**GRANTOR:**

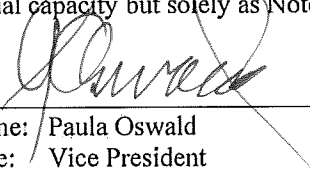
SANMINA CORPORATION

By:   
Name: David Anderson  
Title: Executive Vice President and  
Chief Financial Officer

**NOTES COLLATERAL AGENT:**

U.S. BANK NATIONAL ASSOCIATION, not in its individual capacity but solely as Notes Collateral Agent

By: \_\_\_\_\_

  
Name: Paula Oswald  
Title: Vice President

**EXHIBIT A**

**Trademark Registrations and Applications**

**U.S. Federal Trademark Registrations and Applications**

<b><u>Trademark</u></b>	<b><u>Status</u></b>	<b><u>App/Reg. No.</u></b>	<b><u>App/Reg. Date</u></b>
VIKING ENTERPRISE SOLUTIONS	PENDING	88/182,500	11/5/2018
VIKING ENTERPRISE SOLUTIONS Logo	PENDING	88/182,511	11/5/2018
SVP	REGISTERED	5,638,158	12/25/2018
SIMULTANEOUS VIA PARTITIONING	REGISTERED	5,638,159	12/25/2018
ZERO STUB LENGTH	REGISTERED	5,638,160	12/25/2018
CONTROLLED STUB LENGTH	REGISTERED	5,638,161	12/25/2018
CSL	ALLOWED	86/336,737	7/14/2014

**EXHIBIT B**

**Patents and Patent Applications**

**U.S. Patents and Patent Applications**

<u>Title</u>	<u>App/Reg. No.</u>	<u>App/Reg. Date</u>
SYSTEM AND METHOD OF A BIOSENSOR FOR DETECTION OF VASODILATION	16/172,661	10/26/2018
SIMULTANEOUS AND SELECTIVE WIDE GAP PARTITIONING OF VIA STRUCTURES USING PLATING RESIST	16/181,180	11/5/2018
SIMULTANEOUS AND SELECTIVE WIDE GAP PARTITIONING OF VIA STRUCTURES USING PLATING RESIST	10,123,432	11/6/2018
SYSTEM AND METHOD FOR HEALTH MONITORING BY AN EAR PIECE	16/183,354	11/7/2018
VEHICULAR HEALTH MONITORING SYSTEM AND METHOD	16/208,358	12/3/2018
SYSTEM AND METHOD FOR A DRUG DELIVERY AND BIOSENSOR PATCH	10,155,087	12/18/2018

**Foreign Patents and Patent Applications**

<u>Title</u>	<u>App/Reg. No.</u>	<u>App/Reg. Date</u>	<u>Country</u>
VEHICULAR HEALTH MONITORING SYSTEM AND METHOD	18214841.1	12/20/2018	EP