

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT STEVEN NEWBERRY	01/09/2018
RECEIVING PARTY DATA	
Name:	SANMINA CORPORATION
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16019518
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NAME OF SUBMITTER:	JESSICA W. SMITH
SIGNATURE:	/Jessica W. Smith/
DATE SIGNED:	06/28/2018
Total Attachments: 2	
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

Robert Steven Newberry, an individual and citizen of US, residing in New Hope, AL

have invented certain new and useful improvements disclosed in United States Patent Application No. 15/867,632, filed January 10, 2018, hereby sell, assign, and transfer the above invention to:

SANMINA CORPORATION, 2700 North First Street, San Jose, CA 95134 (hereinafter "Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the applications for the United States patent that have been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and are entitled:

**SYSTEM AND METHOD FOR BLOOD TYPING
USING PPG TECHNOLOGY**

and in and to said application and all design, utility, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries of any of said inventions and improvements and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States and/or Patent Cooperation Treaty (PCT) application; and in all rights of priority under the International Convention for the Protection of Industrial Property for every country in the Union; agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and

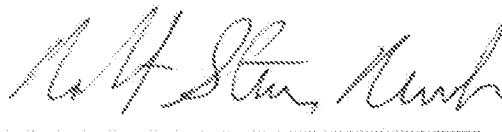
legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been nor will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventor: Please Sign and Date Below:

Date:

10/1/09/18

Signed:



Printed Name:

Robert Steven Newberry