PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRYAN KRIS	05/14/2015

RECEIVING PARTY DATA

Name:	MICROCHIP TECHNOLOGY INCORPORATED	
Street Address:	2355 WEST CHANDLER BLVD.	
City:	CHANDLER	
State/Country:	ARIZONA	
Postal Code:	85224-6199	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14714315

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ATTORNEY DOCKET NUMBER:	68354.229396
NAME OF SUBMITTER:	TODD ROSSON
SIGNATURE:	/TAR/
DATE SIGNED:	08/20/2015

Total Attachments: 1

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PATENT 503444952 REEL: 036382 FRAME: 0169

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the below signed inventor of record, hereby assign to:

MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BLVD. CHANDLER, AZ 85224-6199

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me this day, entitled:

"SYSTEM, METHOD AND APPARATUS HAVING IMPROVED PULSE WIDTH MODULATION FREQUENCY RESOLUTION"

this assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full Name of Sole Inventor:

Residence:

15426 EAST VIA DEL PALO
GILBERT, AZ 85298

Citizenship:

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15426 EAST VIA DEL PALO
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Signature of Sole Inventor

Date of Signature

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PATENT REEL: 036382 FRAME: 0170