

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIXON CHEN	09/02/2019
JIACHI YU	09/02/2019
KEVIN YANG	09/02/2019
RECEIVING PARTY DATA	
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Street Address:	2355 WEST CHANDLER BOULEVARD
City:	CHANDLER
State/Country:	ARIZONA
Postal Code:	85224
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16654739
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NAME OF SUBMITTER:	BRETT C. BOOTH
SIGNATURE:	/Brett C. Booth/
DATE SIGNED:	10/16/2019
Total Attachments: 3	
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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:

**"BIT ERROR RATE ESTIMATION AND ERROR CORRECTION AND RELATED SYSTEMS, METHODS,
AND DEVICES"**

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.

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Signature of First Inventor

9/2/2019
Date of Signature

3780-P15057US (19079US01)

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2019.9.2
Date of Signature