

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	506411379
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL FEST	12/07/2020
JACOB WILLIAMS	10/12/2020
JOSH KAUFMAN	10/08/2020
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<b>City:</b>	CHANDLER
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85224-6199
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17071442
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<b>ATTORNEY DOCKET NUMBER:</b>	68354.232393
<b>NAME OF SUBMITTER:</b>	DEBBIE ALLEN
<b>SIGNATURE:</b>	/Debbie Allen/
<b>DATE SIGNED:</b>	01/25/2021
<b>Total Attachments: 3</b>	
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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:

**"THIN FILM RESISTOR (TFR) FORMED IN AN INTEGRATED CIRCUIT DEVICE  
USING TFR CAP LAYER(S) AS AN ETCH STOP AND/OR HARDMASK"**

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 Inventor

  
Date of Signature

68354.232393 / 19173US01

Full Name of Inventor:

Jacob Williams

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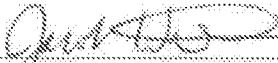
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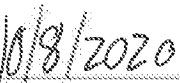
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