502775686 04/21/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES WALLS	12/19/2013
PAUL FEST	12/19/2013

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:	14183953

CORRESPONDENCE DATA

Fax Number: (512)457-2100

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 5124572123

Email: trosson@kslaw.com
Correspondent Name: TODD ROSSON

Address Line 1: 401 CONGRESS AVENUE

Address Line 2: SUITE 3200

Address Line 4: AUSTIN, TEXAS 78701

ATTORNEY DOCKET NUMBER:	68354.227231
NAME OF SUBMITTER:	TODD ROSSON
SIGNATURE:	/Todd Rosson/
DATE SIGNED:	04/21/2014

Total Attachments: 2

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> PATENT REEL: 032719 FRAME: 0581

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below signed inventors 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:

"RESISTIVE MEMORY CELL WITH SLOPED BOTTOM ELECTRODE"

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.

JAMES WALLS

Residence:	Mesa, AZ 85210
Citizenship:	USA
Post Office Address:	547 West Mendoza Avenue Mesa, AZ 85210
Signature of First Inventor	Date of Signature
In the State of Arizona §	
In the County of Maricopa §	
James Walls, known to me to be the acknowledged to me that he executed to expressed. Notal Marie Jacq	hority, on this 19 th day of December, 2013 personally appeared the person whose name is subscribed to the foregoing instrument and the same of his own free will for the purposes and consideration therein Public State of Arizona Copa County ueline Eichman Thinkssion Expires 09/08/2017 Notary or Consular Officer

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Full Name of First Inventor:

MTI-4333.US.0 and MTI-4334.US.0/68354.227321

Full Name of Second Inventor:	PAUL FEST
Residence:	6360 W. Orchid Ln. Chandler, AZ 85226
Citizenship:	USA
Post Office Address:	6360 W. Orchid Ln. Chandler, AZ 85226
Signature of Second Inventor	12-19-2013 Date of Signature
In the State of Arizona §	
In the State of Arizona § § In the County of Maricopa §	
Paul Fest, known to me to be the person w	rity, on this 19 th day of December, 2013 personally appeared whose name is subscribed to the foregoing instrument and acknowledged free will for the purposes and consideration therein expressed.
Notary PublicSi	Notary or Consular Officer

Notary PublicSance Mazzaga Maricopa County Jacqueline Ejohnan My Commission Explise SRIB929917

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RECORDED: 04/21/2014