

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Benjamin T. Cooke</td> <td>07/17/2012</td> </tr> <tr> <td>Joseph Julicher</td> <td>04/03/2012</td> </tr> <tr> <td>Keith Curtis</td> <td>04/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin T. Cooke	07/17/2012	Joseph Julicher	04/03/2012	Keith Curtis	04/03/2012
Name	Execution Date								
Benjamin T. Cooke	07/17/2012								
Joseph Julicher	04/03/2012								
Keith Curtis	04/03/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13564493</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13564493				
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Application Number:	13564493								
CORRESPONDENCE DATA									
Fax Number:	5124572100								
Phone:	5124572123								
Email:	trosson@kslaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Todd Rosson (68354.118773)								
Address Line 1:	King & Spalding LLP								
Address Line 2:	401 Congress Suite 3200								
Address Line 4:	Austin, TEXAS 78701								
ATTORNEY DOCKET NUMBER:	68354.118773								
NAME OF SUBMITTER:	Todd Rosson								
Total Attachments: 3 source=Assignment_118773#page1.tif source=Assignment_118773#page2.tif source=Assignment_118773#page3.tif									

CH \$40.00 13564493

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:

"SMOKE DETECTION USING CHANGE IN PERMITTIVITY OF CAPACITOR AIR DIELECTRIC"

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 or First Inventor: BENJAMIN T. COOKE
Residence: 4401 East Hiff Avenue
Denver, CO 80222
Citizenship: UNITED STATES OF AMERICA
Post Office Address: 4401 East Hiff Avenue
Denver, CO 80222

Signature of Sole or First Inventor (Handwritten signature)

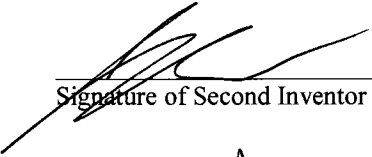
Date of Signature (Handwritten: 7/17/2012)

In the State of Colorado
In the County of EL PASO

Before me, the undersigned authority, on this 17 day of July, 2012 personally appeared Benjamin T. Cooke, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer
My Commission Expires 04/27/2013

Full Name of Second Inventor: **JOSEPH JULICHER**
 Residence: **43534 West Elizabeth Avenue
 Maricopa, AZ 85138**
 Citizenship: **UNITED STATES OF AMERICA**
 Post Office Address: **43534 West Elizabeth Avenue
 Maricopa, AZ 85138**



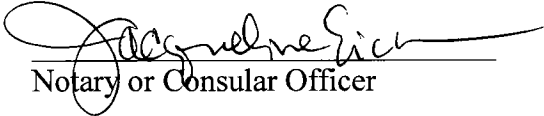
 Signature of Second Inventor

4/3/12

 Date of Signature

In the State of Arizona §
 §
 In the County of Maricopa §

Before me, the undersigned authority, on this 3rd day of April, 2012 personally appeared **Joseph Julicher**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



 Notary or Consular Officer

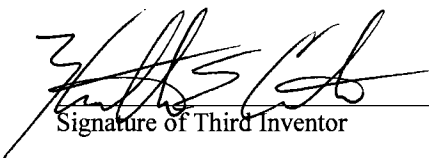


Full Name of Third Inventor: **KEITH CURTIS**

Residence: **3305 East Los Altos
Gilbert, AZ 85297**

Citizenship: **UNITED STATES OF AMERICA**

Post Office Address: **3305 East Los Altos
Gilbert, AZ 85297**

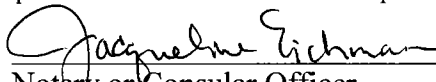

Signature of Third Inventor

4/3/12
Date of Signature

In the State of Arizona §
§
In the County of Maricopa §

Before me, the undersigned authority, on this 3rd day of April, 2012 personally appeared **Keith Curtis**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.




Notary or Consular Officer