

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas Youbok Lee</td> <td>01/10/2008</td> </tr> <tr> <td>Jonathan Jackson</td> <td>01/10/2008</td> </tr> <tr> <td>John Austin</td> <td>01/10/2008</td> </tr> <tr> <td>Andrew Swaneck</td> <td>01/15/2008</td> </tr> <tr> <td>Yann Johner</td> <td>01/15/2008</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Youbok Lee	01/10/2008	Jonathan Jackson	01/10/2008	John Austin	01/10/2008	Andrew Swaneck	01/15/2008	Yann Johner	01/15/2008
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Thomas Youbok Lee	01/10/2008												
Jonathan Jackson	01/10/2008												
John Austin	01/10/2008												
Andrew Swaneck	01/15/2008												
Yann Johner	01/15/2008												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Microchip Technology Incorporated												
<b>Street Address:</b>	2355 West Chandler Blvd.												
<b>City:</b>	Chandler												
<b>State/Country:</b>	ARIZONA												
<b>Postal Code:</b>	85224-6199												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12017582</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12017582								
Property Type	Number												
Application Number:	12017582												
<b>CORRESPONDENCE DATA</b>													
Fax Number:	(713)229-7789												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	713-229-1234												
Email:	debbie.allen@bakerbotts.com												
Correspondent Name:	BAKER BOTTS, LLP												
Address Line 1:	910 LOUISIANA												
Address Line 4:	HOUSTON, TEXAS 77002-4995												
<b>ATTORNEY DOCKET NUMBER:</b>	068354.1829												
<b>NAME OF SUBMITTER:</b>	Debbie Allen												

CH \$40.00 12017582

Total Attachments: 5

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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:

"READ AND WRITE INTERFACE COMMUNICATIONS PROTOCOL FOR DIGITAL-TO-ANALOG SIGNAL CONVERTER WITH NON-VOLATILE MEMORY"

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.

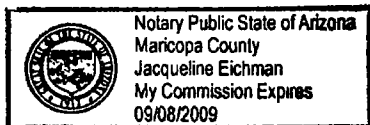
Full Name of First Inventor: THOMAS YOUNBOK LEE
Residence: 757 West Chandler Blvd. Chandler, Arizona 85248
Citizenship: UNITED STATES
Post Office Address: 757 West Chandler Blvd. Chandler, Arizona 85248

T. Youbok Lee
Signature of First Inventor

1-10-2008
Date of Signature

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

Before me, the undersigned authority, on this 10th day of January, 2008, personally appeared Thomas Youbok Lee, 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.



Jacqueline Eichman
Notary or Consular Officer

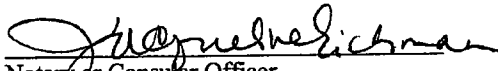
Full Name of Second Inventor: JONATHAN JACKSON  
 Residence: 2053 East Kempton Road  
 Chandler, Arizona 85225  
 Citizenship: UNITED STATES  
 Post Office Address: 2053 East Kempton Road  
 Chandler, Arizona 85225

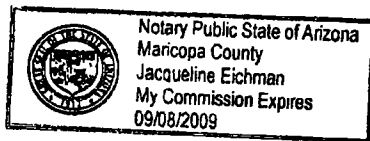
  
 \_\_\_\_\_  
 Signature of Second Inventor

11/10/08  
 \_\_\_\_\_  
 Date of Signature


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

Before me, the undersigned authority, on this 10<sup>th</sup> day of January, 2008, personally appeared **Jonathan Jackson**, 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



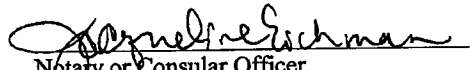
Full Name of Third Inventor: JOHN AUSTIN  
 Residence: 309 East Chicory Place  
 Queen Creek, Arizona 85243  
 Citizenship: UNITED STATES  
 Post Office Address: 309 East Chicory Place  
 Queen Creek, Arizona 85243

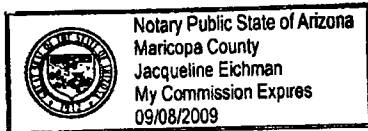
  
 Signature of Third Inventor

1/10/08  
 Date of Signature

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

Before me, the undersigned authority, on this 10<sup>th</sup> day of January, 2008, personally appeared **John Austin**, 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 Fourth Inventor: **ANDREW SWANECK**  
 Residence: **19654 East Country Meadows  
 Queen Creek, Arizona 85242**  
 Citizenship: **UNITED STATES**  
 Post Office Address: **19654 East Country Meadows  
 Queen Creek, Arizona 85242**

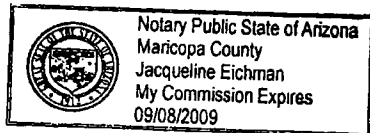
Andrew Swaneck  
 Signature of Fourth Inventor

1/15/08  
 Date of Signature

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

Before me, the undersigned authority, on this 15<sup>th</sup> day of January, 2008, personally appeared **Andrew Swaneck**, 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.

Jacqueline Eichman  
 Notary or Consular Officer



068354.1829 / MTI-2486.US.O

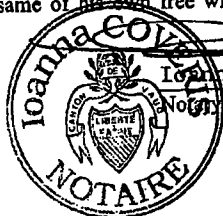
Full Name of Fifth Inventor: YANN JOHNER  
Residence: Allee du Rionzi 42  
1028 Preverenges, Switzerland  
Citizenship: SWISS  
Post Office Address: Allee du Rionzi 42  
1028 Preverenges, Switzerland

*Y. Johner*  
Signature of Fifth Inventor

Lausanne, le 15 janvier 2008  
Date of Signature

Legalization number 10'067  
In the State of (Vaud) Lausanne  
In the County of Switzerland § Vaud

Before me, the undersigned authority, on this 15 day of january, 2008, personally appeared Yann Johner, 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.



Ioanna Coveris, not.  
Notary or Consular Officer