

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Sean Steedman</td> <td>06/21/2012</td> </tr> <tr> <td>Hartono Darmawaskita</td> <td>06/21/2012</td> </tr> <tr> <td>Stephen Bowling</td> <td>06/21/2012</td> </tr> <tr> <td>Cristian Groza</td> <td>06/16/2012</td> </tr> <tr> <td>Ward Brown</td> <td>06/21/2012</td> </tr> <tr> <td>Zacharias Martin Smit</td> <td>06/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sean Steedman	06/21/2012	Hartono Darmawaskita	06/21/2012	Stephen Bowling	06/21/2012	Cristian Groza	06/16/2012	Ward Brown	06/21/2012	Zacharias Martin Smit	06/21/2012
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<table border="1"> <tr> <td>Name:</td> <td>Microchip Technology Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>2355 West Chandler Blvd.</td> </tr> <tr> <td>City:</td> <td>Chandler</td> </tr> <tr> <td>State/Country:</td> <td>ARIZONA</td> </tr> <tr> <td>Postal Code:</td> <td>85224-6199</td> </tr> </table>		Name:	Microchip Technology Incorporated	Street Address:	2355 West Chandler Blvd.	City:	Chandler	State/Country:	ARIZONA	Postal Code:	85224-6199				
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CORRESPONDENCE DATA															
<p>Fax Number: 5124572100</p> <p>Phone: (512) 457-2123</p> <p>Email: trosson@kslaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Todd Rosson (68354.118771)</p> <p>Address Line 1: King & Spalding LLP</p> <p>Address Line 2: Suite 3200</p> <p>Address Line 4: Austin, TEXAS 78701</p>															
ATTORNEY DOCKET NUMBER:	68354.118771														

CH \$40.00 13435642

NAME OF SUBMITTER:

Todd Rosson

Total Attachments: 6

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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:

"ENHANCED COMPLEMENTARY WAVEFORM GENERATOR"

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: **SEAN STEEDMAN**
 Residence: **2622 East Rockledge Road**
Phoenix, AZ 85048
 Citizenship: **CANADA**
 Post Office Address: **2622 East Rockledge Road**
Phoenix, AZ 85048



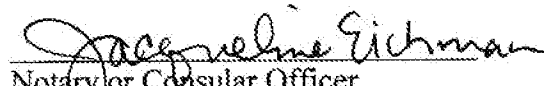
 Signature of Sole or First Inventor

6/21/12

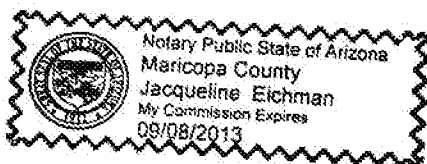
 Date of Signature

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

Before me, the undersigned authority, on this 21st day of June, 2012 personally appeared **Sean Steedman**, 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 Second Inventor: HARTONO DARMAWASKITA
Residence: 2066 East Libra Place
Chandler, AZ 85249
Citizenship: UNITED STATES OF AMERICA
Post Office Address: 2066 East Libra Place
Chandler, AZ 85249

Hartono Darmawaskita
Signature of Second Inventor

6/21/2012
Date of Signature


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

Before me, the undersigned authority, on this 21st day of June, 2012 personally appeared **Hartono Darmawaskita**, 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

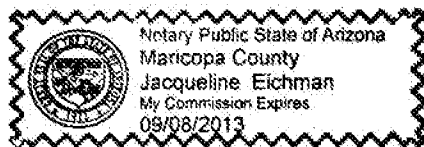
Full Name of Third Inventor: **STEPHEN BOWLING**
Residence: **2117 West Tyson Street
Chandler, AZ 85224**
Citizenship: **UNITED STATES OF AMERICA**
Post Office Address: **2117 West Tyson Street
Chandler, AZ 85224**

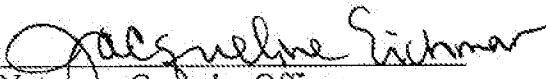

Signature of Third Inventor

6/21/2012
Date of Signature

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

Before me, the undersigned authority, on this 21st day of June, 2012 personally appeared **Stephen Bowling**, 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: CRISTIAN GROZA
Residence: str. Pascani nr 7 bl D8 ap 9, Sector 6
Bucharest 062082, ROMANIA
Citizenship: ROMANIA
Post Office Address: str. Pascani nr 7 bl D8 ap 9, Sector 6
Bucharest 062082, ROMANIA

N. Groza
Signature of Fourth Inventor

06/16/2012
Date of Signature

ROMANIA)
In the State of MUNICIPALITY OF BUCHAREST) ss:
EMBASSY OF THE UNITED STATES)
In the County of OF AMERICA §)

Before me, the undersigned authority, on this 15th day of JUNE, 2012 personally appeared Cristian Groza, 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.

[Signature]
Notary or Consular Officer

Robert F. Doughten
Consul

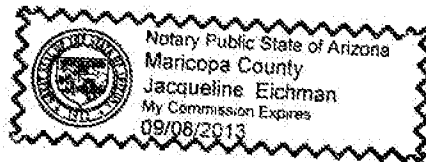
Full Name of Fifth Inventor: **WARD BROWN**
Residence: **3421 South Beverly Plaza
Chandler, AZ 85248**
Citizenship: **UNITED STATES OF AMERICA**
Post Office Address: **3421 South Beverly Plaza
Chandler, AZ 85248**

Ward Brown
Signature of Fifth Inventor

6/21/2012
Date of Signature

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

Before me, the undersigned authority, on this 21st day of June, 2012 personally appeared **Ward Brown**, 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

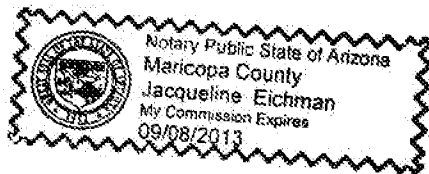
Full Name of Sixth Inventor: **ZACHARIAS MARTIN SMIT**
Residence: **319 West Balsam Drive
Chandler, AZ 85248**
Citizenship: **SOUTH AFRICA**
Post Office Address: **319 West Balsam Drive
Chandler, AZ 85248**

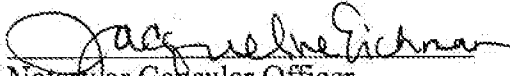

Signature of Sixth Inventor

6/21/12
Date of Signature

In the State of AZ §
In the County of Maricopa §

Before me, the undersigned authority, on this 21st day of June, 2012 personally appeared **Zacharias Martin Smit**, 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