

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James Simons	04/30/2008
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:	12109692
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	068354.1998
NAME OF SUBMITTER:	Debbie Allen
Total Attachments: 5	
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CH \$40.00 12109692

PATENT

500556560

REEL: 021034 FRAME: 0894

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:

"INTERRUPT/WAKE-UP OF AN ELECTRONIC DEVICE IN A
 LOW POWER SLEEP MODE WHEN DETECTING A SENSOR OR
 FREQUENCY SOURCE ACTIVATED FREQUENCY CHANGE"

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: **ZACHARIAS MARTHINUS SMIT**

Residence: **319 West Balsam Drive**
Chandler, AZ 85248

Citizenship: **SOUTH AFRICA**

Post Office Address: **319 West Balsam Drive**
Chandler, AZ 85248

 Signature of First Inventor

 Date of Signature

In the State of _____ §

In the County of _____ §

Before me, the undersigned authority, on this _____ day of _____, 2008, personally appeared Zacharias 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

Full Name of Second Inventor: **KEITH CURTIS**
Residence: **3305 East Los Altos
Gilbert, AZ 85297**
Citizenship: **UNITED STATES**
Post Office Address: **3305 East Los Altos
Gilbert, AZ 85297**

Signature of Second Inventor

Date of Signature

In the State of _____ §
In the County of _____ §

Before me, the undersigned authority, on this _____ day of _____, 2008, 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

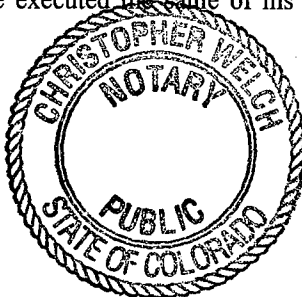
Full Name of Third Inventor: JAMES SIMONS
Residence: 823 Mulligan St., #4
Fraser, CO 80442
Citizenship: UNITED STATES
Post Office Address: PO Box 1613
823 Mulligan St., #4
Fraser, CO 80442

James Simons
Signature of Third Inventor

30 April 08
Date of Signature

In the State of Colorado §
In the County of Boulder §

Before me, the undersigned authority, on this 30 day of April, 2008, personally appeared **James Simons**, 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.



Christopher Welch
Notary or Consular Officer
My commission expires
February 21, 2012

Full Name of Fourth Inventor: **JERROLD S. ZDENEK**
Residence: **19467 North Leland Rd.
Maricopa, AZ 85238**
Citizenship: **UNITED STATES**
Post Office Address: **19467 North Leland Rd.
Maricopa, AZ 85238**

Signature of Fourth Inventor

Date of Signature

In the State of _____ §
In the County of _____ §

Before me, the undersigned authority, on this _____ day of _____, 2008, personally appeared **Jerrold Zdenek**, 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 Fifth Inventor: **JOHN CHARAIS**
Residence: **16013 South 4th Street**
Phoenix, AZ 85048
Citizenship: **UNITED STATES**
Post Office Address: **16013 South 4th Street**
Phoenix, AZ 85048

Signature of Fifth Inventor

Date of Signature

In the State of _____ §
In the County of _____ §

Before me, the undersigned authority, on this _____ day of _____, 2008, personally appeared **John Charais**, 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