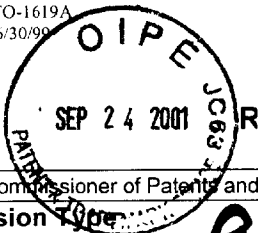


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Name (line 1) Stephen A. Bowling

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Name (line 1) Microchip Technology Incorporated

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Address (line 2)

Address (line 3) Chandler

AZ

85224-6199

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Area Code and Telephone Number

202 424-7500

Name Edward A. Pennington

Address (line 1) Swidler Berlin Shereff Friedman, LLP

Address (line 2) 3000 K Street, N.W.

Address (line 3) Suite 300

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09/870,454

Patent Number(s)

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Robert C. Bertin, Reg. No. 41,488

Name of Person Signing

Signature

September 24, 2001

Date

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:

CONFIGURATION FUSES FOR SETTING PWM OPTIONS

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: Stephen A. Bowling

Residence: 2113 W. Tyson St., Chandler, AZ 85224

Citizenship: USA

Post Office Address:

Signature of Sole or First Inventor

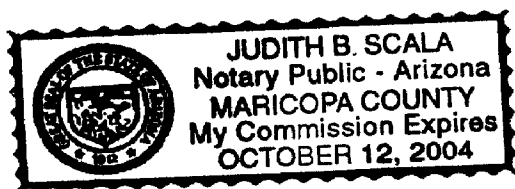
9/18/01
Date of Signature

In the Country of USA §

In the State of Arizona §

In the County/Province of Maricopa §

Before me, the unsigned authority, on this 18th day of September, 2001, personally appeared Stephen A. 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.



Judith B. Scala
Notary or Consular Officer