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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT	
CONVEYING PARTY	′ DATA			
Name				Execution Date
James E. Bartling				08/12/2008
David L. Otten				08/11/2008
D.C. Sessions				08/11/2008
RECEIVING PARTY	DATA			
Name:	Microchip Technology Incorporated			
Street Address:	2355 West Chandler Blvd.			
City:	Chandler			
State/Country:	ARIZONA			
Postal Code:	85224-6199			
Property Type		Number		
Application Number:		12165	12165950	
CORRESPONDENC	E DATA			
Fax Number: (713)229-7789				
Fax Number:(713)229-7789Correspondence will be sent via US Mail when the fax attempt is unsuccessful.				
Phone: 713-229-1234				
Email: debbie.allen@bakerbotts.com				
Correspondent Name: BAKER BOTTS, LLP				
Address Line 1:910 LOUISIANAAddress Line 4:HOUSTON, TEXAS 77002-4995				
ATTORNEY DOCKET NUMBER:		068354.2010		
NAME OF SUBMITTER:		Debbie Allen		
Total Attachments: 3 source=0683542010/ source=0683542010/	* · *			PATENT

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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:

"CURRENT-TIME DIGITAL-TO-ANALOG CONVERTER"

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.

JAMES E. BARTLING

1171 South Sean Drive Chandler, Arizona 85248

Full Name of First Inventor:

Residence:

Citizenship:

Post Office Address:

UNITED STATES

1171 South Sean Drive Chandler, Arizona 85248

ature of First Inventor In the State of Avizona

In the County of Mariana

8/12/03

Before me, the undersigned authority, on this 12th day of August, 2008, personally appeared James Bartling, 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

HOU03:1163790

Page 1 of 3

Full Name of Second Inventor:

Residence:

Citizenship:

Post Office Address:

DAVID L. OTTEN

1951 East Laredo Place Chandler, Arizona 85225

UNITED STATES

1951 East Laredo Place Chandler, Arizona 85225

Signature of Second Inventor

B/11/08 Date of Signature

vizona In the State of + Ş § In the County of New 10 pm 8

114 day of August, 2008, personally appeared Before me, the undersigned authority, on this David Otten, 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 Public State of Arizona Maricopa County Jacqueline Eichman My Commission Expires

09/08/2009

Notary or Consular Officer

Full Name of Third Inventor:

Residence:

Citizenship:

Post Office Address:

D.C. SESSIONS

14215 N. 43rd Way Phoenix, AZ 85032

UNITED STATES

14215 N. 43rd Way Phoenix, AZ 85032

Signature of Third Inventor

In the State of Anizona § In the County of Maricen §

1112 Before me, the undersigned authority, on this 11^{12} day of August, 2008, personally appeared **D.C.** Sessions, 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



HOU03:1163790

RECORDED: 08/14/2008