

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<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>Yong Yuenyongsgool</td> <td>02/29/2008</td> </tr> <tr> <td>Igor Wojewoda</td> <td>02/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yong Yuenyongsgool	02/29/2008	Igor Wojewoda	02/29/2008
Name	Execution Date						
Yong Yuenyongsgool	02/29/2008						
Igor Wojewoda	02/29/2008						
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							
<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>12042440</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12042440		
Property Type	Number						
Application Number:	12042440						
CORRESPONDENCE DATA							
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						
ATTORNEY DOCKET NUMBER:	068354.1749						
NAME OF SUBMITTER:	Debbie Allen						
Total Attachments: 2 source=0683541749Assign#page1.tif source=0683541749Assign#page2.tif							

CH \$40.00 12042440

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:

"SHARING BANDWIDTH OF A SINGLE PORT SRAM BETWEEN AT LEAST ONE DMA PERIPHERAL AND A CPU OPERATING WITH A QUADRATURE CLOCK"

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.

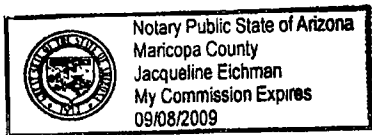
Full Name of First Inventor: YONG YUENYONGSGOOL
Residence: 4124 East Blossom Court
Gilbert, Arizona 85297
Citizenship: UNITED STATES
Post Office Address: 4124 East Blossom Court
Gilbert, Arizona 85297

Handwritten signature of YONG YUENYONGSGOOL over a horizontal line, with the text "Signature of First Inventor" printed below the line.

Handwritten date "2/29/2008" over a horizontal line, with the text "Date of Signature" printed below the line.

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

Before me, the undersigned authority, on this 29th day of February, 2008 personally appeared YONG YUENYONGSGOOL, 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.



Handwritten signature of Jacqueline Eichman over a horizontal line, with the text "Notary or Consular Officer" printed below the line.

Full Name of Second Inventor: **IGOR WOJEWODA**

Residence: **6521 South Bonarden Lane
Tempe, Arizona 85283**

Citizenship: **UNITED STATES**

Post Office Address: **6521 South Bonarden Lane
Tempe, Arizona 85283**

[Handwritten Signature]
Signature of Second Inventor

2/29/2008
Date of Signature

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

Before me, the undersigned authority, on this 29th day of February, 2008 personally appeared **IGOR WOJEWODA**, 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

