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To the Honorable Commissioner for Patents

102744553

ent(s) or copy(ies) thereof.

1. Name of Conveying Party(ies):

1. ARTHUR BRUCE ECK; 1780 E. TRADEWIND CT.; GILBERT, AZ 85234
 2. EZANA H. ABERRA; 105 S. 131ST ST.; CHANDLER, AZ 85225

Additional name(s) of conveying party(ies) attached? Yes X No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: MICROCHIP TECHNOLOGY INCORPORATED
 Address: 2355 WEST CHANDLER BLVD.
 CHANDLER, AZ 85224-6199
 Country: USA

Additional name(s) and address(es) attached? Yes X No

3. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is:

May 7, 2004

A. Patent Application No(s):

B. Patent No(s):

Others on additional sheet(s) attached? Yes X No

4. Nature of Conveyance:

X ASSIGNMENT

Merger

Verified Translation

Security Agreement

Change of Name:

Other:

Execution Date(s):

MAY 4, 2004

5. Name and address of party to whom correspondence concerning document should be mailed:

PAUL N. KATZ
 BAKER BOTTS L.L.P. (023640)
 ONE SHELL PLAZA
 910 LOUISIANA STREET
 HOUSTON, TEXAS 77002-4995
 713.229.1343 (TELEPHONE)
 713.229.7743 (FACSIMILE)
 PAUL.KATZ@BAKERBOTTS.COM

6. Total number of applications and patents involved:

Application(s): 1
 + Patent(s):
 = Total: 1

7. Total Fee (37 C.F.R. § 3.41) \$40.00

CHECK #886769 IN THE AMOUNT OF \$40 IS ENCLOSED .

8. Authorized to be charged to Deposit Account NO

9. Deposit Account No.: 02-0383

(Duplicate copy of this sheet attached)

Charge any underpayment or credit any overpayment to above Deposit Account, order no. 068354.1415.

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10. Statement and Signature

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.

PAUL N. KATZ (REG. NO. 35,917)

Name of Person Signing

Paul N. Katz

Signature

May 7, 2004

Date

Total number of pages including cover sheet, attachments, and document: 4 PAGES*, AND 1 CHECK

(*INCLUDES DUPLICATE COVER PAGE FOR FEE PROCESSING)

05/13/2004 MGETACHE 00000253 10841744

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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 INC.
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:

"SELECTABLE GAIN AMPLIFIER"

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.

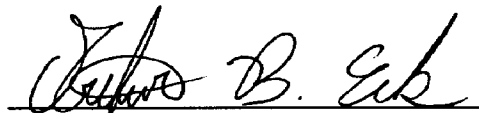
IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full Name of First or Sole Inventor: **ARTHUR BRUCE ECK**

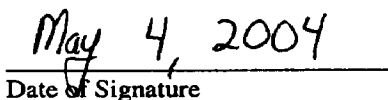
Residence: **1780 E. Tradewind Ct.**
Gilbert, AZ 85234

Citizenship: **U.S.A.**

Post Office Address: **1780 E. Tradewind Ct.**
Gilbert, AZ 85234



Signature of Sole or First Inventor



Date of Signature

In the State of Arizona §

In the County of Maricopa §

Before me, the undersigned authority, on this 4th day of May, 2004 personally appeared **Arthur Bruce Eck**, 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
 Expires September 15, 2005


 Notary or Consular Officer

Full Name of Second Inventor: **EZANA H. ABERRA**

Residence: **105 S. 131st St.
Chandler, AZ 85225**

Citizenship: **Ethopian**

Post Office Address: **105 S. 131st St.
Chandler, AZ 85225**


Signature of Second Inventor


Date of Signature

In the State of Arizona §

In the County of Maricopa §

Before me, the undersigned authority, on this 3rd day of May, 2004 personally appeared **EZANA H. ABERRA**, 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



Notary Public State of Arizona
Maricopa County
Jacqueline Eichman
Expires September 15, 2005