

**PATENT**  
**REEL: 9541 FRAME: 0346**

**ASSIGNMENT AGREEMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Paul Barna**, have sold, assigned and transferred and do hereby sell, assign and transfer unto **MICROCHIP TECHNOLOGY INCORPORATED**, and its successors, assigns and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in "**A VOLTAGE TRANSLATOR CIRCUIT WHICH ALLOWS FOR VARIABLE LOW VOLTAGE SIGNAL TRANSLATION**" described, illustrated and claimed in an application for Letters Patent of the United States of America, executed by us of even date herewith, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

I also hereby sell, assign and transfer unto the said **MICROCHIP TECHNOLOGY INCORPORATED**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign countries, and I further authorize the said **MICROCHIP TECHNOLOGY INCORPORATED**, to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Assistant Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the **MICROCHIP TECHNOLOGY INCORPORATED**, for the sole use and behoof of said **MICROCHIP TECHNOLOGY INCORPORATED**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not

been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **MICROCHIP TECHNOLOGY INCORPORATED**.

I agree that, when requested, I will, without charge to said **MICROCHIP TECHNOLOGY INCORPORATED**, but at its expense, sign all papers take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in all countries and for vesting title thereto in said **MICROCHIP TECHNOLOGY INCORPORATED**, its successors, assigns and legal representatives or nominees.

I covenant with said **MICROCHIP TECHNOLOGY INCORPORATED**, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Dated: 19 October 1978

Paul A. Barna  
Paul Barna