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Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. \[\]			
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Roger W. Blakely, Jr., Reg. No. 25,831 Dog Name of Boroon Signing			
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Attorney Docket No. 055123.P138

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PATENT REEL: 010077 FRAME: 0351 Attorney's Docket No.: 055123.P138

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

Karl Richard Volk

hereby sell, assign, and transfer to:

Maxim Integrated Products, Inc.

a corporation of <u>Delaware</u>, having a principal place of business at <u>120 San Gabriel Drive</u>. <u>Sunnyvale</u>, <u>California</u> <u>94086</u>, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

STEP-UP/STEP-DOWN SWITCHING REGULATORS AND PULSE WIDTH MODULATION CONTROL THEREFOR

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives vill facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Each Inventor: Please Sign and Date Below:

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

> Euch inventor: Please also list the date that you signed the accompanying DECLARATION & POWER OF ATTORNEY

	1001/11	
6/28/99 Date	Name: Karl Richard Volk	6/28/99 Date
Date	Name:	Date
Date	Name:	Dare
Date	Name:	Date
Dute	Name:	Date

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LL 12400 Wilshire Blvd., Seventh Floor Los Angeles, CA 90025-1026

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