

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Terry J. Groom	06/06/2006
RECEIVING PARTY DATA	
Name:	Intersil Americas Inc.
Street Address:	1001 Murphy Ranch Road
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12792998
CORRESPONDENCE DATA	
Fax Number:	(952)465-0771
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	9524650770
Email:	docketing@fogglaw.com
Correspondent Name:	Intersil Americas Inc./Fogg & Powers LLC
Address Line 1:	5810 W. 78th St.
Address Line 2:	Ste 100
Address Line 4:	Minneapolis, MINNESOTA 55439
ATTORNEY DOCKET NUMBER:	125.168US01R1
NAME OF SUBMITTER:	Julia A. Ehrreich
Total Attachments: 2 source=00218110#page1.tif source=00218110#page2.tif	

OP \$40.00 12792998

50235 (SE2221IP)

A S S I G N M E N T

WHEREAS, Terry J. GROOM of Dallas, Texas; hereinafter referred to as **ASSIGNOR**, has made certain improvements or inventions in PFM-PWM DC-DC CONVERTER PROVIDING DC OFFSET CORRECTION TO PWM ERROR AMPLIFIER AND EQUALIZING REGULATED VOLTAGE CONDITIONS WHEN TRANSITIONING BETWEEN PFM AND PWM MODES, for which **ASSIGNOR** has executed an application for United States Letters Patent filed on even date herewith in the United States Patent and Trademark Office; and

WHEREAS, **INTERSIL AMERICAS INC.**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNOR** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNOR** does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenants and agrees that said **ASSIGNOR** is the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNOR** will communicate to said **ASSIGNEE** any

facts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

June 06 2006
Date


Terry J. GROOM