05-26-1999 T U.S. DEPARTMENT OF COMMERCE PTO-1595 Patent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: Please record the attacks and documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Name: Cypress Semiconductor Corporation Timothy J. Williams Internal Address: Tsungiun Steve Yu Additional names(s) of conveying party(ies) attached? No Street Address: 3901 North First Street Nature of conveyance: □ Merger State: <u>CA</u> ZIP: <u>95134</u> □ Security Agreement □ Change of Name Other: Additional name(s) & address(es) attached? No **Execution Date:** May 6, 1999 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: May 7, 1999 B. Patent No(s). A. Patent Application No(s). 09/307588 05/24/1999 SDAVIS 00000033 09307588 40.00 GP 02 FC:581 Additional numbers attached? □ Yes

No Name and address of party to whom correspondence Total number of applications and patents involved: 5. concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 CHRISTOPHER P. MAIORANA, P.C. Name: Internal Address: **Enclosed** Street Address: 21643 E. NINE MILE RD., SUITE A Authorized to be charged to deposit account if necessary City: ST. CLAIR SHORES State: MI ZIP:48080 Deposit Account Number: 50-0541 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the followinformation is the and correct and any attached copy is a true copy of the original document.

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Christopher P. Maiorana

Reg. No.: 42,829

1999

Date

Total number of pages including cover sheet, attachments, and document:

Case No.0325.00224

ASSIGNMENT

In consideration of good and valuable consideration, We, TIMOTHY J. WILLIAMS and TSUNGLUN to CYPRESS SEMICONDUCTOR CORPORATION	the receipt of which is hereby ac	knowledged
to CYPRESS SEMICONDUCTOR CORPORATION	CTEVE VII Lamber and bearing	WITO WIEGE
to CYPRESS SEMICONDITION CORPORATION	SIEVE IU, nereby sen, assign	n and transfer
	N (hereinafter referred to as "A	.SSIGNEE")
having a place of business at 3901 N. First Street, Sar		
right title and interest in and to any and all improve	ments disclosed in the application	on for United
States Patent entitled "OPTIMAL DELAY CONTR	OLLER", filed on and	having Seria
No, any and all divisions, reissues, continua	tions, substitutions, reexamination	ons, renewals
and foreign equivalents thereof, all rights of priority re	sulting from the filing of said app	olication, and
any and all Letters Patents which issue from said app	lication, together with all claims	for damages
by reason of past infringement of said patent and wit	h the right to sue for and collect	the same,
We hereby authorize and request the Officials of the U	nited States Patent and Tradema	rk Office and
of any and all foreign Patent Offices to issue and all	of said Letters Patents, when gra	inted, to said
ASSIGNEE as the assignee of our entire right, title ar	d interest in and to the same, for	r the sole use
of said ASSIGNEE, its successors and assigns, to the	e full end of the term for which	said Letters
Patents may be granted;		
On request, We agree to execute all oaths, declaration	s, assignments, powers of attorr	ey and other
papers related to said application and any and all div	sions, reissues, continuations, s	ubstitutions,
reexaminations, renewals and foreign equivalents th	ereof; communicate to said AS	SIGNEE, its
successors, assigns and representatives all facts known	to me concerning said improven	nents and the
history thereof, and generally do everything possible to	assist and aid said ASSIGNEE	in obtaining,
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