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To the Honorable Commissioner of Patents and Tragemarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies): Nathan Y. Moyal Name: Cypress Semiconductor Corporation Internal Address: _ Mark Marlett Additional names(s) of conveying party(ies) attached? No 3. Street Address: 3901 North First Street Nature of conveyance: Assignment □ Merger □ Security Agreement □ Change of Name City: San Jose ____ State: <u>CA</u> ZIP: <u>95134</u> □ Other: Additional name(s) & address(es) attached? No Execution Date: August 26, 1999 4. 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: August 26, 1999 A. Patent Application No(s). B. Patent No(s). 09/383328 Additional numbers attached? □ Yes No 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: CHRISTOPHER P. MAIORANA, P.C. Total fee (37 CFR 3.41) \$40.00 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 Si 11000 168066749 09383328 To the best of my knowledge and be lief, the foregoing in nation is t ue and correct and any attached copy is a true copy of the original document. Christopher P. Maiorana <u> August 26, 1999</u>

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ASSIGNMENT

In exchange for good and valuable consideration, the receipt of which is NATHAN Y. MOYAL and MARK MARLETT, hereby sell, assign SEMICONDUCTOR CORPORATION (hereinafter referred to as "A of business at 3901 N. First Street, San Jose, California 95134, the full interest in and to any and all improvements disclosed in the application entitled "CIRCUITRY, ARCHITECTURE AND METHOD(S) FOR AND/OR REDUCING LOAD CAPACITANCE, CURRED CONSUMPTION IN AN OSCILLATOR", filed on and I any and all divisions, reissues, continuations, substitutions, reexaminate equivalents thereof, all rights of priority resulting from the filing of said Letters Patents which issue from said application, together with all claim past infringement of said patent and with the right to sue for and collections.	ssignee"), having a place and exclusive right title and fon for United States Patent OR PHASE MATCHING NT AND/OR POWER having Serial No, ations, renewals and foreign application, and any and all ms for damages by reason of
We hereby authorize and request the Officials of the United States Pater of any and all foreign Patent Offices to issue and all of said Letters Pa ASSIGNEE as the assignee of our entire right, title and interest in and of said ASSIGNEE, its successors and assigns, to the full end of the Patents may be granted;	tents, when granted, to said to the same, for the sole use
On request, We agree to execute all oaths, declarations, assignments, powers of attorney and other papers related to said application and any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof; communicate to said ASSIGNEE, its successors, assigns and representatives all facts known to me concerning said improvements and the history thereof; and generally do everything possible to assist and aid said ASSIGNEE in obtaining, securing and maintaining patent protection for said improvements and for vesting title to said improvements and any and all applications for and patents on said improvements in said ASSIGNEE, its successors and assigns;	
We have made no previous assignment, grant, mortgage, license or othe affecting the rights and property conveyed herein; and	r agreement to or with others
We hereby grant to the firm of CHRISTOPHER P. MAIORANA, P.C. Mile Road, Suite A, St. Clair Shores, Michigan 48080, the power to further identification necessary or desirable to comply with the rules of Trademark Office for recordation of this document. Main Date: Signature of First Joint Inventor Date: Signature Sig	insert on this document any the United States Patent and
Signature of First Keint Inventor	
Signature of Second Joint Inventor	126/1999
Mark Marlett	

Name of Second Joint Inventor