

09-11-2001



To the Honorable Commissioner of Patent

101840004

...ed original documents or copy thereof.

1. Name of conveying party(ies): *08/30/01*
 Nathan Y. Moyal
 Mark R. Gehring
 Russell Moen
 Lawrence Ragan
 Additional names(s) of conveying party(ies) attached? **No**

2. Name and address of receiving party(ies):
 Name: Cypress Semiconductor Corporation
 Internal Address: _____
 Street Address: 3901 North First Street
 City: San Jose State: CA ZIP: 95134
 Additional name(s) & address(es) attached? **No**



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
 Execution Date: August 29, 2001

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 30, 2001
 A. Patent Application No(s). *09/943149*
 B. Patent No(s).
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: **CHRISTOPHER P. MAIORANA, P.C.**
 Internal Address:
 Street Address: **24025 GREATER MACK, SUITE 200**
 City: **ST. CLAIR SHORES** State: **MI** ZIP: **48080**

6. Total number of applications and patents involved: **1**
 7. Total fee (37 CFR 3.41) **\$40.00**
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 Authorized to be charged to deposit account if necessary
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Christopher P. Maiorana *[Signature]* August 30, 2001
 Reg. No.: 42,829 Signature Date

Total number of pages including cover sheet, attachments, and document: **6**

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

In exchange for good and valuable consideration, the receipt of which is hereby acknowledged, we, **NATHAN Y. MOYAL, MARK R. GEHRING, RUSSELL MOEN and LAWRENCE RAGAN**, hereby sell, assign and transfer to **CYPRESS SEMICONDUCTOR CORPORATION** (hereinafter referred to as "ASSIGNEE"), having a place of business at 3901 N. First Street, San Jose, California 95134, the full and exclusive right title and interest in and to any and all improvements disclosed in the application for United States Patent entitled "**METHOD FOR PHASE LOCKING IN A PHASE LOCK LOOP**", filed on _____ and having Serial No. _____, any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof, all rights of priority resulting from the filing of said application, and any and all Letters Patents which issue from said application, together with all claims for damages by reason of past infringement of said patent and with the right to sue for and collect the same;

We hereby authorize and request the Officials of the United States Patent and Trademark Office and of any and all foreign Patent Offices to issue and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of our entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted;

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 other agreement to or with others affecting the rights and property conveyed herein; and

We hereby grant to the firm of **CHRISTOPHER P. MAIORANA, P.C.** located at 24025 Greater Mack, Suite 200, St. Clair Shores, Michigan 48080, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Nathan Moyal
Signature of First Joint Inventor

Date: 8/29/01

Nathan Y. Moyal
Name of First Joint Inventor

Date: _____

Signature of Second Joint Inventor

Mark R. Gehring
Name of Second Joint Inventor

0325.00495

Page 1 of 2

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Date: _____

Signature of First Joint Inventor

Nathan Y. Moyal
Name of First Joint Inventor

Date: 8-29-01

Mark R. Gehring
Signature of Second Joint Inventor

Mark R. Gehring
Name of Second Joint Inventor

Russell R. Moen
Signature of Third Joint Inventor

Date: 8/29/01

Russell Moen
Name of Third Joint Inventor

Date: _____

Signature of Fourth Joint Inventor

Lawrence Ragan
Name of Fourth Joint Inventor

Signature of Third Joint Inventor

Russell Moen
Name of Third Joint Inventor

Lawrence Ragan
Signature of Fourth Joint Inventor

Lawrence Ragan
Name of Fourth Joint Inventor

Date: _____

Date: 8/29/01

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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