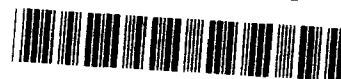


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RECORDATION FORM CC
PATENTS O

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Suresh PARAMESWARAN
Joseph TZOU
Morgan WHATELY
Thinh TRAN

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Cypress Semiconductor Corporation

Internal Address: _____

Street Address: 198 Champion Court

City: San Jose

State: CA

Country: USA

Zip: 95134

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) September 29, 2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: HAVERSTOCK & OWENS, LLP

Internal Address: _____

Street Address: 162 North Wolfe Road

City: Sunnyvale

State: CA

Zip: 94086

Phone Number: (408) 530-9700 x229

Fax Number: (408) 530-9797

Email Address: bsako@hollp.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

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9. Signature:

Bradley T. Sako
Signature

September 29, 2008
Date

Bradley T. Sako
Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Attorney Docket No. CD2007173

ASSIGNMENT OF PATENT APPLICATION
(Page 1 of 2)

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned hereby agrees to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Cypress Semiconductor Corporation

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

CIRCUITS AND METHODS FOR PROGRAMMING INTEGRATED CIRCUIT INPUT AND OUTPUT IMPEDANCES

described in an application for Letters Patent of the United States, identified as Attorney Docket No. CD2007173, at HAVERSTOCK & OWENS, LLP, 162 North Wolfe Road, Sunnyvale, CA 94086 and

X attached hereto, or

_____ filed on _____, as Application Serial No. _____

and the invention(s) and improvement(s) set forth therein, and any and all non-provisional, continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent or provisional application, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

Attorney Docket No. CD2007173

ASSIGNMENT OF PATENT APPLICATION
(Page 2 of 2)

For the invention(s) related to: **CIRCUITS AND METHODS FOR PROGRAMMING INTEGRATED CIRCUIT INPUT AND OUTPUT IMPEDANCES**


to Assignee: **Cypress Semiconductor Corporation**

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.


I hereby authorize **HAVERSTOCK & OWENS, LLP**, attorneys for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

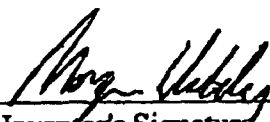
IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.


Inventor's Signature
Suresh Parameswaran
Inventor's Printed Name

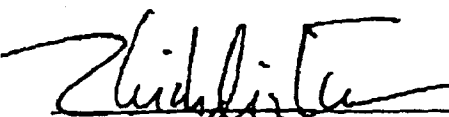
09/29/2008
DATE


Inventor's Signature
Joseph Tzou
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9/29/2008
DATE


Inventor's Signature
Morgan Whately
Inventor's Printed Name

09/29/2008
DATE


Inventor's Signature
Thinh Tran
Inventor's Printed Name

09/29/2008
DATE