

10-19-2004

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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)/Execution Date(s):**

Zaki Moussaoui  
Brian L. Allen  
Larry G. Pearce

Execution Date(s) 10/06/2004

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

**2. Name and address of receiving party(ies)**

Name: Intersil Americas, Inc.

Internal Address: 10/7/04

Street Address: 675 Trade Zone Boulevard

City: Milpitas

State: California

Country: United States Zip: 95035

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s)

SDENB08: 00000042 10961950

40.00 DF

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Lowell W. Gresham

Internal Address: Meschkow & Gresham, PLC

Street Address: 5727 North Seventh Street

Suite 409

City: Phoenix

State: Arizona Zip: 85014

Phone Number: (602)274-6996

Fax Number: (602)274-6970

Email Address: mg@patentmg.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 \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Lowell W. Gresham  
Signature

10/07/2004

Date

Lowell W. Gresham

Name of Person Signing

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

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

# ASSIGNMENT

In consideration of Ten Dollars (\$10.00) and other valuable consideration, of which receipt is acknowledged, we, Zaki Moussaoui of 412 El Dorado Ave, Palm Bay, FL 32909, Brian L. Allen of 2812 Whistler St., West Melbourne, FL 32904, and Larry G. Pearce, 452 Rheine Rd. NW, Palm Bay, FL 32907 do hereby sell, and assign to INTERSIL AMERICAS INC., a Delaware corporation having offices at 675 Trade Zone Boulevard, Milpitas, California 95035, its successors and assigns, the entire right, title and interest in and to the improvements of "**Apparatus and Method for Sliding-Mode Control in a Multiphase Switching Power Supply**", invented by us, as described in the application for United States Patent Application filed concurrently herewith (M&G Docket No.: 2277-110), and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said INTERSIL AMERICAS INC., or its successors or assigns and agree that on request and without further consideration, but at the expense of INTERSIL AMERICAS INC., we will communicate to said INTERSIL AMERICAS INC., or its representatives or nominees, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid INTERSIL AMERICAS INC., its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries. We covenant with said INTERSIL AMERICAS INC., its successors and assigns, that the rights and property hereby covered are free and clear of any encumbrances, and that we have full right to convey the same as herein expressed.

Oct. 6, 2004

DATE

ZAKI MOUSSAOUI

Zaki Moussaoui

Oct. 6, 2004

DATE

Brian L Allen

Brian L, Allen

Oct. 6, 2004

DATE

Larry G Pearce

Larry G. Pearce