

7-20-05

07-28-2005

1-31-92

To the Honorable Commissioner of Patents and Trademarks



documents or copy thereof.

1. Name of conveying party(ies):

Matthew B. HARRIS

Weihong QIU

103049956

receiving party(ies):

Name: INTERSIL AMERICAS INC.

Address: 1001 MURPHY RANCH ROAD

MILPITAS, CA 95035

113014 U.S. PTO
11/185353

072005

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

3. Nature of Conveyance:

- (X) Assignment () Merger
- () Security Agreement () Change of Name
- () Other _____

Execution Date: 07/13/05, 07/13/05

Additional name(s) and address(s) attached? () Yes (X) No

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: 7/13/05

A. Patent application No.(s)

B. Patent No.(s)

Additional numbers attached? () Yes (X) No

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

Name: Charles E. Wands, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 1901 S. Harbor City Blvd.

Suite 507

City: Melbourne

State: Florida Zip: 32901

6. Total number of applications and patents involved: [1]

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

[x] Authorized to charge credit card identified on attached Credit Card Payment Form, PTO-2038 (02-2003).

[x] Authorized to charge discrepancies in fee amounts to Deposit account.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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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.

Charles E. Wands

Name of Person Signing

Signature

20 July 2005

Date

Total number of pages including cover sheet, attachments and document: [3]

PATENT

REEL: 016781 FRAME: 0916

A S S I G N M E N T

WHEREAS, **Matthew B. HARRIS** of Raleigh, North Carolina, and **Weihong QIU** of Kent, Washington; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **SEMI-CLOCKLESS, CASCADED, CURRENT-MODE POWER REGULATOR HAVING HIGH NOISE IMMUNITY AND ARBITRARY PHASE COUNT**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on even date herewith in the United States Patent and Trademark Office; and

WHEREAS, **INTERSIL AMERICAS INC.**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

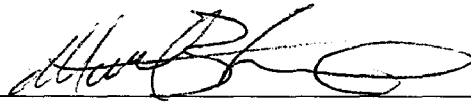
NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts

known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

7/13/2005

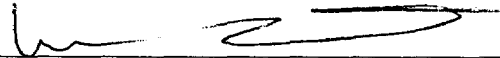
Date



Matthew B. HARRIS

7/13/2005

Date



Weihong QIU