

11/14/05

11-21-2005

Docket No.: 51889/6

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03



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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Douglas R. Hackler, Sr.
Stephen A. Parke**

Additional names(s) of conveying party(ies) Yes No

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

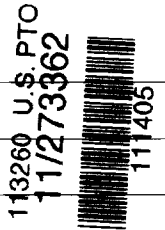
Name: **American Semiconductor, Inc.**

Internal Address: _____

Street Address: **3100 South Vista Avenue, Suite 2300**

City: **Boise** State: **ID** ZIP: **83705**

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



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **September 11, 2003 and September 8, 2003**

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

If this document is being filed together with a new application, the execution date of the application is: **November 14, 2005**

A. Patent Application No.(s)

11/17/2005 EHAILE1 00000063 11273362
01 FC:8021

40.00 DP

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **John R. Thompson**

Internal Address: **STOEL RIVES LLP**

One Utah Center

Street Address: **201 South Main Street, Suite 1100**

City: **Salt Lake City** State: **UT** ZIP: **84111**

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

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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.

John R. Thompson

November 14, 2005

Name of Person Signing

Signature

4

Date

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PATENT

REEL: 017236 FRAME: 0040

WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No.: 51889/3

Stoel Rives LLP
One Utah Center
201 South Main Street, Suite 1100
Salt Lake City, Utah 84111

ASSIGNMENT

We, DOUGLAS R. HACKLER, SR. of 5755 West Hollilynn Drive, Boise, Idaho 83709, and STEPHEN A. PARKE of 3604 Brenan Drive, Nampa, Idaho 83686, have invented the inventions described in a United States Application Serial No. 10/719,119, entitled Double-Gated Transistor Circuit, filed on November 21, 2003, in the United States Patent and Trademark Office. (We hereby authorize the attorneys of Stoel Rives LLP to insert said serial number and filing date when known.)

The Assignee, American Semiconductor, Inc., 3100 South Vista Avenue, Suite 2300, Boise, Idaho 83705, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said inventions in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

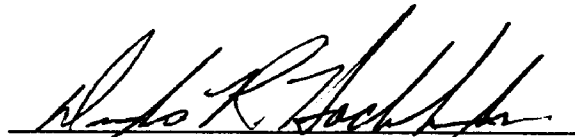
We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

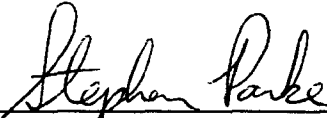
DATED this 11 day of SEPT, 2003.



Douglas R. Hackler, Sr.
5755 West Hollilynn Drive
Boise, Idaho 83709

This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 9th day of SEPTEMBER, 2003.



Stephen A. Parke
3604 Brenan Drive
Nampa, Idaho 83686