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

1. Name of conveying party(ies): Kent D. Layton **5.20.03**
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: AMI Semiconductor, Inc.
Internal Address: _____
Street Address: 2300 Buckskin Road
City: Pocatello State: ID ZIP: 83201

JC971 U.S. PTO
10/412618
05/20/03

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: May 19, 2003

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

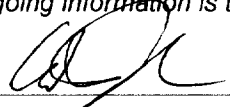
4. Application number(s) or patent numbers(s): **10442618**
If this document is being filed together with a new application, the execution date of the application is: May 20, 2003
A. Patent Application No.(s) _____
B. Patent No.(s) _____
Additional numbers attached? Yes No

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

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: ADRIAN J. LEE
Internal Address: _____
05/23/2003 BSAYAS11 00000003 10442618
03 FC:8021 40.00 OF
Street Address: Workman Nydegger & Seeley
1000 Eagle Gate Tower, 60 East South Temple
City: Salt Lake City State: UT ZIP: 84111

7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account
8. Deposit account number:
23-3178

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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.
ADRIAN J. LEE  May 20, 2003
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: **4**

Workman, Nydegger & Seeley
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60 East South Temple
Salt Lake City, Utah 84111

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A S S I G N M E N T

I, Kent D. Layton of 1869 N. Smithridge Drive, Lehi, Utah 84043, have invented a method and apparatus entitled **“BI-DIRECTIONAL CURRENT MEASUREMENT CIRCUIT”**, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. 14993.30 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. _____ on _____. (I hereby authorize the attorneys of Workman, Nydegger & Seeley to insert said serial number and filing date when known.)

The Assignee, AMI Semiconductor, Inc., a corporation of the State of Delaware, having a principal place of business at 2300 Buckskin Road, Pocatello, Idaho 83201, desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention 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.

I 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 behalf of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me 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 my 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 my heirs and legal representatives.

Dated this 19 day of May, 2003.

Kent D. Layton
KENT D. LAYTON
United States Citizen

STATE OF _____)
: ss.
COUNTY OF _____)

On May 19, 2003, before me personally appeared **Kent D. Layton**, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

[Signature]
NOTARY PUBLIC
Residing at Am. Fork
My Commission Expires: 09.19.2006

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