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102810666

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party conveying an interest: **Barrie Gilbert**
c/o Analog Devices, Inc.
1100 N.W. Compton Drive, Suite 301
Beaverton, OR 97006-1994

2. Name and address of party receiving an interest: **Analog Devices, Inc.**
One Technology Way
Norwood, MA 02062

3. Description of the interest conveyed:

Assignment Change of Name Security Agreement Merger Other

Date of execution of attached document: **July 8, 2004**

4. Application number or patent number. Additional sheet attached? Yes ___ No **X**

Serial No. 10/766,514 filed January 27, 2004

If this document is being filed together with a new application, the execution date of the application is: _____.

A. Patent Application No. B. Patent No.

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

Joseph S. Makuch
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, OR 97205
Telephone: (503) 222-3613

6. Number of applications and patents involved: **one (1)**

7. PTO Form 2038 authorizing credit card payment (\$40) is enclosed.

8. Any deficiency or overpayment should be charged or credited to deposit account number **13-1703**.

9. 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.

Respectfully submitted,

Joseph S. Makuch
Joseph S. Makuch
Reg. No. 39,286

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:

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DN **8.02.04**
[Signature]

Total number of pages comprising cover sheet and attached assignment: **3**

ASSIGNMENT

Assignor: Barrie Gilbert

Address: c/o Analog Devices, Inc.
1100 N.W. Compton Drive, Suite 301
Beaverton, OR 97006-1994

Assignee: Analog Devices, Inc.

Address: One Technology Way
Norwood, MA 02062

Title of Invention: SQUARING CELLS AND MULTIPLIERS
USING SUMMED EXPONENTIALS

U.S. Patent Application:

Application Serial No.: 10/766,514

Filing Date: January 27, 2004

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

