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PATENTS ONLY  
Attorney Do. No. 1482-20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: **Barrie Gilbert**  
Serial No.: **09/146,052** Filed: **September 2, 1998**  
For: **AMPLIFIER HAVING A RAIL-TO-RAIL OUTPUT STAGE**

Box ASSIGNMENT  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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

- 1. Name of party(ies) conveying an interest: **Barrie Gilbert**
- 2. Name and address of party(ies) 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  
Date of execution of attached document: **November 3, 1998**

I HEREBY CERTIFY THAT THIS  
CORRESPONDENCE IS BEING DEPOSITED  
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ASSISTANT COMMISSIONER FOR  
TRADEMARKS 2900 CRYSTAL DRIVE  
ARLINGTON, VA 22202-3513

ON: 11/18/98  
MBR/CLW

- 4. Application number(s) or patent number(s). Additional sheet attached? Yes    No   x    
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. **09/146,052 – filed September 2, 1998**  
B. Patent No.

- 5. Name and address of party to whom correspondence concerning document should be mailed:  
**MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613**

- 6. Number of applications and patents involved: **1**
- 7. Enclosed is our check for \$40.00 for assignment recording fee.
- 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.

Dated: November 18, 1998

Respectfully submitted,

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

Total number of pages comprising  
cover sheet and attached assignment: **2**

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ASSIGNMENT

Assignor: Barrie Gilbert  
Address: 10605 NW Lost Park Drive  
Portland, Oregon 97229

Assignee: Analog Devices, Inc.  
Address: One Technology Way  
Norwood, MA 02062

Title of Invention: AMPLIFIER HAVING A RAIL-TO-RAIL OUTPUT STAGE

U.S. Patent Application:

Application Serial No.: 09/146,052

Filing Date: September 2, 1998

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 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 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.

Executed at Beaverton, OR, this 3rd day of November, 1998.

[Signature]

Assignor

STATE OF Oregon )  
County of Washington ) ss.

Before me this 3rd day of November, 1998, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Monica Sue Cordrey  
Notary Public for Oregon  
My commission expires: May 11, 2001

[SEAL]