

COVER SHEET

07-29-2003



102512282

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

SIR:

PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT(S) OR COPY(IES) THEREOF.

1. NAME OF CONVEYING PARTY(IES)

Yibing Zhao
Shuyun Zhang
Robert J. McMorrow

07/16/03

2. NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)

Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

Additional name(s) of conveying party(ies) attached? No

Additional name(s) of receiving party(ies) attached? No

3. NATURE OF CONVEYANCE

- X Assignment
Security Agreement
Merger
Change of Name
Other

Execution Date:

July 10, 2003

22002 U.S. PTO
10/62035
07/16/03

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: 07/16/2003

A. Patent Application No(s): Unknown

B. Patent No(s):

C. Issue Batch No.:

D. Issue Date:

Additional numbers attached?

5. NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENT SHOULD BE DIRECTED:

Matthew E. Connors
Samuels, Gauthier & Stevens LLP
225 Franklin Street, Suite 3300
Boston, Massachusetts 02110
(617) 426-9180, Extension 112

6. TOTAL NUMBER OF APPLICATIONS AND PATENTS INVOLVED: 1

7. TOTAL FEE DUE: \$40.00 (Enclosed)

If any additional fee(s) are due, the Commissioner is hereby authorized to charge the Deposit Order Account noted in item 8.

8. DEPOSIT ACCOUNT NUMBER: 19-0079

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.

Matthew E. Connors

Signature

7/16/03

Name of Person Signing

Signature

Date

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on July 16, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EY271853740US addressed to the: Assistant Commissioner of Patents, Washington, D.C. 20231.

Emily A. Porell
Emily A. Porell

Date: 07/16/2003

07/20/2003 LNUELLER 00000081 10620395
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**ASSIGNMENT**

Know all men by these presents

WHEREAS we,                   Yibing Zhao  
                                  242 Adams Ave.  
                                  Newton, MA 02465

                  and

                                  Shuyun Zhang  
                                  59 Brainerd Road, Apt. 204  
                                  Allston, MA 02134

                  and

                                  Robert J. McMorrow  
                                  75 Hayward Mill Road  
                                  Concord, MA 01741

have made an invention for

**HIGH POWER, HIGH LINEARITY AND LOW INSERTION LOSS SINGLE POLE  
DOUBLE THROW TRANSMITTER/RECEIVER SWITCH**

described in the application filed with the United States Patent and Trademark Office herewith,  
and

WHEREAS Analog Devices Inc., a corporation duly organized and existing under the laws of the Commonwealth of Massachusetts and having a place of business at One Technology Way, P.O. Box 9106, Norwood, Massachusetts 02062-9106, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

**ANALOG DEVICES, INC.**

its successors and assigns, to its and their own use and behoove to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

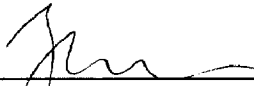
AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

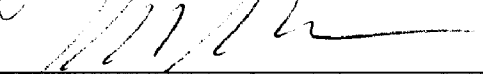
July 10, 2003  
Date

  
Yibing Zhao

7/10/2003  
Date

  
Shuyun Zhang

7/10/03  
Date

  
Robert J. McMorrow

SARAH A. MATECKO  
NOTARY PUBLIC  
my commission expires July 21, 2005