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FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

102380220

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
**Aiguo Yan, Deepak Mathew, Zoran Zvonar, and
Abhay Sharma**

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:
 Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: **February 14, 2003**

2. Name and address of receiving party(ies)

Name: **Analog Devices, Inc.**

Internal Address:

Street Address: **One Technology Way
P.O. Box 9106
Norwood, Massachusetts 02062-9106**

Additional name(s) & addresses(es) attached? [] Yes [X] No

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 **February 19, 2003**

A. Patent Application No.(s)

10368847

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: **Randy J. Pritzker**
Address: **Wolf, Greenfield & Sacks, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210**

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

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

Enclosed

Authorized to be charged to deposit account

The Commissioner is authorized to charge any
deficiencies in the enclosed payment to:

8. Deposit Account No: 23/2825

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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.

Randy J. Pritzker

Randy J. Pritzker

2-19-03

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[4]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

Box Patent Application

Director - U.S. Patent and Trademark Office (when filed separately from a new application)

Commissioner of Patents (when filed with a new application)

Washington, D.C. 20231

JC971 U.S. PTO
10/368847
02/19/03

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Deepak Mathew, 11 Parlmont Park, N. Billerica, Massachusetts 01862, Aiguo Yan, 75 Phillips Common, North Andover, Massachusetts 01845, Zoran Zvonar, 27 Claremont Park, Boston, Massachusetts 02118 and Abhay Sharma, 95 Audubon Road, Apt. 606, Wakefield, Massachusetts 01880; hereby:

Sell, assign and transfer to Analog Devices, Inc., a Massachusetts corporation having a place of business at One Technology Way, P.O. Box 9106, Norwood, Massachusetts 02062-9106, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled **METHOD AND APPARATUS FOR CODE IDENTIFICATION IN WIRELESS APPLICATIONS**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us/me.

February 14, 2003
Date

Deepak Mathew
Deepak Mathew

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 14th day of February 2003.

SEAL Donna M. Madrin
Notary Public

My Commission Expires 2/4/2006

February 14, 2003
Date

Aiguo Yan
Aiguo Yan

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 14th day of February 2003.

SEAL Donna M. Madrin
Notary Public

My Commission Expires 2/4/2003

Feb 14, 2003
Date

Zoran Zvonar
Zoran Zvonar

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 14th day of February 2003.

SEAL Donna M. Madrin
Notary Public

My Commission Expires 2/4/2006

Feb 14, 2003
Date

Abhay
Abhay Sharma

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 14th day of February 2003.

SEAL

Donna M. Madigan
Notary Public

My Commission Expires 2/04/2006