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R SHEET

6.21.04

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



102775580

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):

Richard P. Schubert

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: June 4, 2004

## 2. Name and address of receiving party(ies)

Name: Analog Devices, Inc.

Internal Address:

Street Address: One Technology Way  
Norwood, MA 02062-9106

Additional name(s) &amp; 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

A. Patent Application No.(s)

B. Patent No.(s)

10786,972

Additional numbers attached? [ ] Yes [X] No

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

Name: Edmund J. Walsh, Reg. No. 32,950  
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.

Edmund J. Walsh

Name of Person Signing

Signature

Date

June 17, 2004

Total number of pages including cover sheet, attachments, and document: [3]

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

06/22/2004 6TON11 00000008 10786972

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40.00 OP

Mail Stop Assignment Recordation Services  
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PO Box 1450, Alexandria, VA 22313-1450

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PATENT  
REEL: 015480 FRAME: 0549

## **ASSIGNMENT**

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I, the undersigned, Richard P. Schubert of Medfield, Massachusetts; hereby:

Sell, assign and transfer to Analog Devices, Inc., a Massachusetts corporation having a place of business at One Technology Way, Norwood, MA 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 filed in the United States Patent and Trademark Office, bearing attorney docket number A0312.70519US00, on February 25, 2004 under Serial No. 10/786,972 and entitled **CACHE MEMORY WITH REDUCED POWER AND INCREASED MEMORY BANDWIDTH**, 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, I 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 me and that full right to convey the same as herein expressed is possessed by me.

June 4, 2004  
Date

Richard P. Schubert  
Richard P. Schubert

STATE OF Massachusetts :  
COUNTY OF Norfolk :

Subscribed and sworn to before me this 4th day of June, 2004.

SEAL

Suzanne E. Hudon  
Notary Public

My Commission Expires 4/30/2010

