

07-05-2002

Attorney's Docket No. A00312.70450/SJH/MXS



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FORM COVER SHEET PATENTS ONLY

FORM PTO-1595 U.S.

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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):
Robert A. PENCHUK *7-1-02*

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

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

Execution Date: **June 21, 2002**

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) & addresses(es) attached? Yes 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 April 26, 2002

A. Patent Application No.(s) 10/120,650	B. Patent No.(s)
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Additional numbers attached? Yes No

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

Name: **Mark Steinberg, Reg. No. 40,829**
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:

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.

Mark Steinberg		<i>June 26, 2002</i>
Name of Person Signing	Signature	Date

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

Mail documents to be recorded with required cover sheet information to:
Box Assignment
Honorable Commissioner of Patents,
Washington, D.C. 20231

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I, the undersigned Robert A. PENCHUK, 60 Hayden Woods, Wrentham, Massachusetts 02093, 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 on April 11, 2002, under Serial No. 10/120,650 and entitled METHOD AND APPARATUS FOR INTEGRATED CIRCUIT WITH DRAM, 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, 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 me relating to said inventions and the history thereof, and generally by doing everything 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.

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.

Dated: June 21, 2002

Robert A. PENCHUK

Robert A. PENCHUK

STATE OF Massachusetts :

COUNTY OF Norfolk :

Subscribed and sworn to before me this 21st day of June
2002.

SEAL

Pauline E. Gillette
Notary Public

My Commission Expires: 2/14/2003

PAULINE E. GILLETTE
Notary Public
My Commission Expires February 14, 2003