



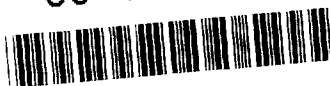
FORM PT 2695 U.S. PATENT & TRADEMARK OFFICE (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

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DEPARTMENT OF COMMERCE Patent and Trademark Office

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

<p>1. Name of conveying party(ies): Rasekh Rifaat Boris Lerner</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: June 6, 2001</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: Analog Devices, Inc.</p> <p>Internal Address:</p> <p>Street Address: One Technology Way Norwood, MA 02062</p> <p>Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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

<p>A. Patent Application No.(s) 09/788,859</p>	<p>B. Patent No.(s)</p>
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06/15/2001 KZEWDL 00000080 09788859
 CE FT:501 40.00 DP

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence Concerning document should be mailed:</p> <p>Name: Mark Steinberg Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210</p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>If fee is insufficient, the Commissioner is authorized to charge:</p> <p>8. Deposit Account No: 23/2825</p>
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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		June 14, 2001
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

A0312/7402

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Rasekh Rifaat, 1455 Beacon Street #42, Brookline, Massachusetts 02446 and Boris Lerner, 62 Richards Avenue, Sharon, Massachusetts 02067 hereby

Sell, assign and transfer to Analog Devices, Inc., a Massachusetts corporation having a place of business at One Technology Way, Norwood, MA 02062, 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 February 20, 2001 under Serial No. 09/788,859 and entitled METHOD, APPARATUS, AND PRODUCT FOR USE IN GENERATING CRC AND OTHER REMAINDER BASED CODES 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.

We 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 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.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We 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.

A0312/7402

June 6, 2001
Date

R. Rifaat
Rasekh Rifaat

STATE OF Massachusetts
COUNTY OF Norfolk :

Subscribed and sworn to before me this 6 day of June, 2001.

SEAL

Rita C. Meunier
Notary Public

My Commission Expires RITA C. MEUNIER
NOTARY PUBLIC
My Comm. Expires Sept. 20, 2002

June 6, 2001
Date

Boris Lerner
Boris Lerner

STATE OF Massachusetts
COUNTY OF Norfolk :

Subscribed and sworn to before me this 6 day of June, 2001.

SEAL

Rita C. Meunier
Notary Public

My Commission Expires RITA C. MEUNIER
NOTARY PUBLIC
My Comm. Expires Sept. 20, 2002