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APPLICATION FORM COVER SHEET PATENTS ONLY

Document ID No. 101826632

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):
Paul F. Ferguson, Jr.
Xavier S. Haurie

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other Corrected Assignment

Execution Date: **July 19, 2001**

2. Name and address of receiving party(ies)

Name: **Analog Devices, Inc.**Internal Address: **One Technology Way**Street Address: **Norwood, MA 02062**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

A. Patent Application No.(s)
09/575,561

B. Patent No.(s)

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) \$

 Enclosed Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

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

December 7, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[13]**

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

RE

12-15-2000

2 SHEET

11.29.00

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



101552585

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): Paul F. Ferguson, Jr. Xavier S. Haurie Gabor C. Temes</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: October 27, 2000 and November 16, 2000</p>	<p>2. Name and address of receiving party(ies) Name: Analog Devices, Inc. Internal Address: 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) 09/575,561</p>	<p>B. Patent No.(s)</p>
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NOV 29 2000

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence Concerning document should be mailed: 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 <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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DO NOT USE THIS SPACE

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		Nov 27, 2000
Name of Person Signing	Signature	Date

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

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1 FC:561 40.00

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

CORRECTIVE, CONFIRMATORY NUNC PRO TUNC ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Paul F. Ferguson, Jr., 69 Heath Road, North Andover, Massachusetts 01845 and Xavier S. Haurie, 12 Dartmouth Street, Arlington, Massachusetts 02474, on or about October 27, 2000, intending to assign our rights to Analog Devices, Inc., a Massachusetts corporation, erroneously executed an assignment instrument naming as assignee Analog Devices, Inc., a Delaware corporation, an entity which does not exist. Now, therefore, we hereby confirm that said assignee was intended to be the aforementioned Massachusetts corporation and in place of the previous erroneous assignment we do hereby, nunc pro tunc as of October 27, 2000,

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 May 21, 2000 under Serial No. 09/575,561 and entitled METHOD AND APPARATUS FOR USE IN SWITCHED CAPACITOR SYSTEMS, 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.

7/19/01
Date

Paul F. Ferguson, Jr.
Paul F. Ferguson, Jr.

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 19 day of July, 2001.

SEAL

Barbara A. Matecko
Notary Public
My Commission Expires _____

Barbara A. Matecko
NOTARY PUBLIC
My commission expires July 21, 2006

7/19/2001
Date

Xavier S. Haurie
Xavier S. Haurie

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 19 day of July, 2001.

SEAL

Barbara A. Matecko
Notary Public
My Commission Expires _____

Barbara A. Matecko
NOTARY PUBLIC
My commission expires July 21, 2006

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned Paul F. Ferguson, Jr., 69 Heath Road, North Andover, Massachusetts 01845 hereby

Sell, assign and transfer to Analog Devices, Inc., a Delaware 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 May 21, 2000 under Serial No. 09/575,561 and entitled METHOD AND APPARATUS FOR USE IN SWITCHED CAPACITOR SYSTEMS, 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.

I 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 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.

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

I 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.

27 October, 2000
Date

Paul F. Ferguson, Jr.
Paul F. Ferguson, Jr.

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 27 day of October, 2000.

SEAL

Barbara A. Matecko
Notary Public

My Commission Expires _____

Barbara A. Matecko
NOTARY PUBLIC
My commission expires July 21, 2004
PATENT

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned Xavier S. Haurie, 12 Dartmouth Street, Arlington, Massachusetts 02474 hereby

Sell, assign and transfer to Analog Devices, Inc., a Delaware 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 May 21, 2000 under Serial No. 09/575,561 and entitled METHOD AND APPARATUS FOR USE IN SWITCHED CAPACITOR SYSTEMS, 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.

I 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 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.

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

I 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.

27 October 2000
Date

Xavier Haurie
Xavier S. Haurie

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 27 day of October, 2000.

SEAL

Barbara A. Matecko
Notary Public

My Commission Expires _____

ASSIGNMENT

In consideration of One Dollar (\$1.00) along with an award from the Analog Devices Inventor Award Program, the receipt of which is hereby acknowledged, I the undersigned Gabor C. Temes, 7100 NW Grandview Drive, Corvallis, OR 97330-2708 hereby

Sell, assign and transfer to Analog Devices, Inc., a Delaware 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 May 21, 2000 under Serial No. 09/575,561 and entitled METHOD AND APPARATUS FOR USE IN SWITCHED CAPACITOR SYSTEMS, 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.

I 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 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.

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I 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.

11-16-00
Date

Gabor C. Temes
Gabor C. Temes

STATE OF Oregon
COUNTY OF Benton

Subscribed and sworn to before me this 16th day of November 2000.

SEAL



Nathan A. Gimbol
Notary Public

My Commission Expires 9.9.03