

01-11-2002

Attorney's Docket No. A0312/7408/SJH/MXS



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**IN FORM COVER SHEET
ENTS ONLY**

Document ID No. 101805684

DEPARTMENT OF COMMERCE
Patent and Trademark OfficeFORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

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

1. Name of conveying party(ies):

Gabor C. TemesAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other Corrected AssignmentExecution Date: **June 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 ☐ No5. 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 022106. 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

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[14]**

Mail documents to be recorded with required cover sheet information to:

Box Assignment

Honorable Commissioner of Patents,
Washington, D.C. 20231

08-09-2001

Attorney' Docket No. A0312/7408/MS



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

101805684

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): Gabor C. Temes <i>8-301</i></p> <p>Additional name(s) of conveying party(ies) attached? [] Yes [x] No</p> <p>3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Corrected Assignment</u></p> <p>Execution Date: June 19, 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? [] Yes [x] No</p>							
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is</p> <p>A. Patent Application No.(s) 09/575,561</p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? [] Yes [X] No</p>									
<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</p> <p><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>							
DO NOT USE THIS SPACE									
<p>9. Statement and signature <i>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.</i></p> <table border="1"> <tr> <td>Mark Steinberg</td> <td></td> <td><i>July 30, 2001</i></td> </tr> <tr> <td>Name of Person Signing</td> <td>Signature</td> <td>Date</td> </tr> </table> <p>Total number of pages including cover sheet, attachments, and document: [3]</p>				Mark Steinberg		<i>July 30, 2001</i>	Name of Person Signing	Signature	Date
Mark Steinberg		<i>July 30, 2001</i>							
Name of Person Signing	Signature	Date							

Mail documents to be recorded with required cover sheet information to:

Box Assignment

Honorable Commissioner of Patents,
Washington, D.C. 20231

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PATENT
REEL: 012431 FRAME: 0234

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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.

1. Name of conveying party(ies):

Paul F. Ferguson, Jr.
Xavier S. Haurie
Gabor C. Temes

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: **October 27, 2000 and November 16, 2000**

2. Name and address of receiving party(ies)

Name: **Analog Devices, Inc.**

Internal Address:

Street Address: **One Technology Way****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)

NOV 29 2000

Additional numbers attached? ☐ Yes ☒ No

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

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

7. Total fee (37 CFR 3.41)

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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

Nov 27, 2000

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:

Box Assignment

Honorable Commissioner of Patents,
Washington, D.C. 20231

2/13/2000 6TON11 00000288 09575561

1 FC:581

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PATENT
REEL: 012431 FRAME: 0235

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, 2006

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 S. 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 _____

488347.1

Barbara A. Matecko
NOTARY PUBLIC
My commission expires July 21, 2005

PATENT
REEL: 012431 FRAME: 0237

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.

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.

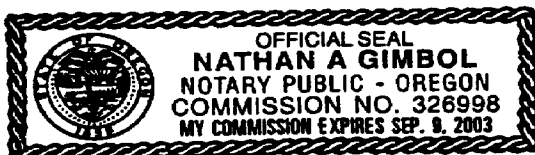
11-16-00
Date

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

CORRECTIVE, CONFIRMATORY NUNC PRO TUNC 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 on or about November 16, 2000, intending to assign my 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, I hereby confirm that said assignee was intended to be the aforementioned Massachusetts corporation and in place of the previous erroneous assignment I do hereby, nunc pro tunc as of November 16, 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.

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.

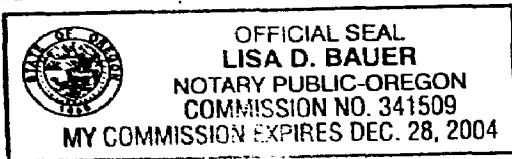
I covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

6-19-2001

Date

Gabor C. Temes
Gabor C. TemesSTATE OF Oregon :
COUNTY OF Benton :Subscribed and sworn to before me this 19 day of June 2001.

SEAL

Lisa D. Bauer
Notary PublicMy Commission Expires 12/28/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ferguson, et al.
Serial No.: 09/575,561
Filed: May 21, 2000
For: METHOD AND APPARATUS FOR USE IN SWITCHED CAPACITOR
SYSTEM
Art Unit: 2818

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Assignment, Commissioner for Patents, Washington, D.C. 20231, on December 7, 2001.


Robyn Lecsse

BOX ASSIGNMENTS

Assignment Division
U.S. Patent and Trademark Office
CG-4, 1213 Jefferson Davis Hwy.
Suite 320
Washington, DC

TRANSMITTAL LETTER

Sir:

Transmitted herewith are the following documents:

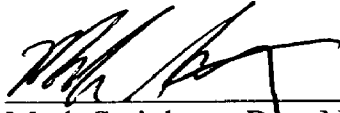
- [X] New Assignment Cover Sheet (Document ID No. 101805684)
- [X] Notice of Non-Recordation of Document
- [X] Previously submitted Cover Sheet (initially mailed to PTO on July 30, 2001) with stamp of official date of receipt and payment, now being resubmitted
- [X] Copy of Confirmatory Nunc Pro Tunc Corrected Assignment (initially mailed to PTO on July 30, 2001)
- [X] Copy of Notice of Recordation of Original Assignment Document
- [X] Copy of originally filed Assignment and Cover Sheet
- [X] Return Postcard

We are submitting a corrected Assignment because the original assignment erroneously referred to the assignee Analog Devices, Inc. as a Delaware corporation, rather than a Massachusetts corporation.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

A \$40.00 fee was paid on July 30, 2001. If a further fee is due at this time, please charge the further fee to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,



Mark Steinberg, Reg. No. 40,829
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
Tel. (617) 720-3500

Docket No.: A0312/7408
Date: December 7, 2001
xNDDx

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ferguson, et al.
Serial No.: 09/575,561
Filed: May 21, 2000
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Suite 320
Washington, DC

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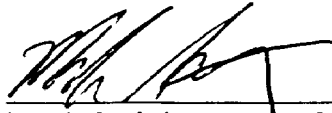
- [X] New Assignment Cover Sheet (Document ID No. 101805684)
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Mark Steinberg, Reg. No. 40,829
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
Tel. (617) 720-3500

Docket No.: A0312/7408
Date: December 7, 2001
xNDDx



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 22, 2001

PTAS

WOLF, GREENFIELD & SACKS, P.C.
MARK STEINBERG
FEDERAL RESERVE PLAZA
600 ATLANTIC AVENUE
BOSTON, MA 02210

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ECB	<input checked="" type="checkbox"/>
Docket Entry	<input checked="" type="checkbox"/>
Docket Cross Off	<input checked="" type="checkbox"/>
Order Copies	<input checked="" type="checkbox"/>
Annuities	<input checked="" type="checkbox"/>
Confirmation	<input checked="" type="checkbox"/>



101552585A

DOCKETED
MAR 07 2001

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/29/2000

REEL/FRAME: 011331/0556
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FERGUSON, PAUL F., JR.

DOC DATE: 10/27/2000

ASSIGNOR:

HAURIE, XAVIER S.

DOC DATE: 10/27/2000

ASSIGNOR:

TEMES, GABOR C.

DOC DATE: 11/16/2000

ASSIGNEE:

ANALOG DEVICES, INC.
ONE TECHNOLOGY WAY
NORWOOD, MASSACHUSETTS 02062

SERIAL NUMBER: 09575561

FILING DATE: 05/21/2000

PATENT NUMBER:

ISSUE DATE:

RECORDED: 01/04/2002

PATENT
REEL: 012431 FRAME: 0245