

12-24-2003



102632268

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Susan A. Alie
Bruce K. Wachtmann
Michael Judy

12-15-03

2. Name and address of receiving party(ies)

Name: Analog Devices, Inc.

Internal Address: _____

Street Address: One Technology WayCity: Norwood State: MA Zip: 02062-9106Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 12, 2003Additional name(s) & address(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: 12/12/2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven G. SaundersInternal Address: Bromberg & Sunstein LLP

12/19/2003 SSITHIB1 00000007 10737231

01 FC 8021 40.00 DP

Street Address: 125 Summer StreetCity: Boston State: MA Zip: 02110-16186. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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.*Steven G. Saunders

Name of Person Signing

SignatureDecember 15, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 6

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

Filed together with a new patent application to:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Not filed with new patent application to:
Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

ATTACHMENT FOR RECORDATION FORM COVER SHEET

PATENTS ONLY (Form PTO-1595)

22388 U.S. PTO
10/737231

1. Name of conveying party(ies):

David Kneedler

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(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: 12/12/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

ASSIGNMENT

ASSIGNOR: Susan A. Alie
Bruce K. Wachtmann
Michael Judy
David Kneedler

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

INVENTION: Semiconductor Assembly with Conductive Rim and Method of
Producing the Same

ATTORNEY DOCKET: 2550/177

SERIAL NO: Not Yet Assigned

FILED: Herewith

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

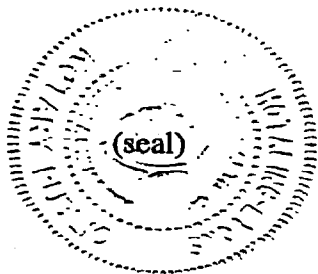
IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

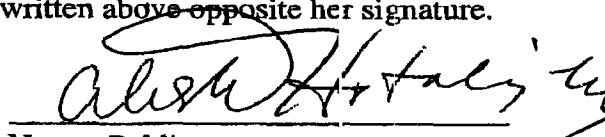
Date: Dec. 12, 2003

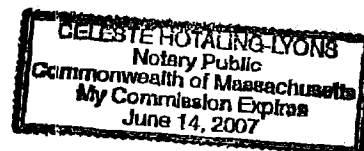

Susan A. Alie, Assignor

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF Middlesex) ss.
)

Before me, a notary public in and for said county and state, personally appeared Susan A. Alie, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged her signature on the foregoing instrument in my presence and declared the same to be her free act and deed on the date written above opposite her signature.

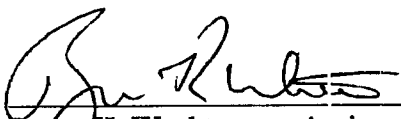



Notary Public
My Commission Expires:



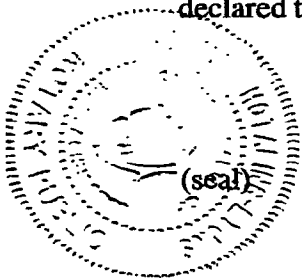
-2-

Date: Dec 12, 2003

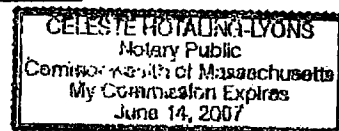

 Bruce K. Wachtmann, Assignor

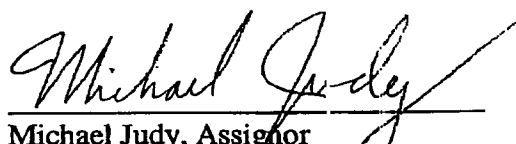
COMMONWEALTH OF MASSACHUSETTS)
) ss.
 COUNTY OF Middlesex)

Before me, a notary public in and for said county and state, personally appeared Bruce K. Wachtmann, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.



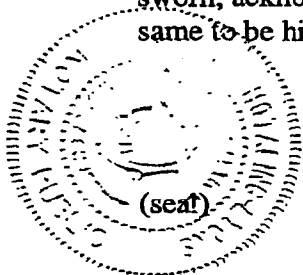

 Notary Public
 My Commission Expires:

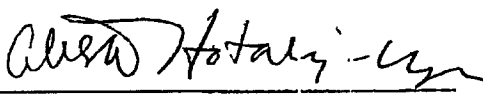
Date: Dec 12, 2003

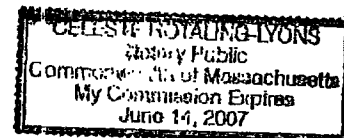

 Michael Judy, Assignor

COMMONWEALTH OF MASSACHUSETTS)
) ss.
 COUNTY OF Middlesex)

Before me, a notary public in and for said county and state, personally appeared Michael Judy, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

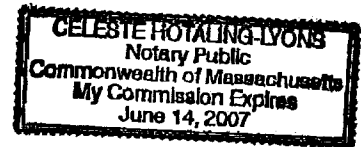



 Notary Public
 My Commission Expires:



Date: 12/12/2003David Kneedler
David Kneedler, AssignorCOMMONWEALTH OF MASSACHUSETTS)
COUNTY OF Middlesex) ss.
)

Before me, a notary public in and for said county and state, personally appeared David Kneedler, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Celeste Hotaling-LyonsNotary Public
My Commission Expires:

02550/00177 284448.1

-4-