

02-25-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



ET

2/15/05

102948141

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

John R. Martin  
Timothy J. Brosnihan  
Michael W. Judy

Execution Date(s) 2/2/05; 2/3/05; 2/4/2005; 2/9/05;

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

**2. Name and address of receiving party(ies)**

Name: Analog Devices, Inc.

Internal Address: \_\_\_\_\_

Street Address: One Technology Way

City: Norwood

State: MA

Country: USA Zip: 02062-9106

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/058483

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven G. Saunders

Internal Address: BROMBERG & SUNSTEIN LLP

Street Address: 125 Summer Street

City: Boston

State: MA Zip: 02110-1618

Phone Number: 617 443-9292

Fax Number: 617 443-0004

Email Address: ssaunders@bromsun.com

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

**7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

Deposit Account Number 19-4972

Authorized User Name Steven G. Saunders

**9. Signature:**

[Signature]

Signature

Steven G. Saunders  
Name of Person Signing

2/15/05

Date

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 016286 FRAME: 0326

113013 U.S. PTO  
11/058483

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19-4972  
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02/28/2005  
01 FC:8021

**PATENTS ONLY (Form PTO-1595)**

11B013 U.S. PTO  
11/058483

021505

Xin Zhang

☐ Yes ☒ No

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is:\_\_\_\_\_

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☐ Yes ☒ No

## ASSIGNMENT

ASSIGNOR: John R. Martin  
Timothy J. Brosnihan  
Michael W. Judy  
Xin Zhang

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

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

INVENTION: Sensor System

ATTORNEY DOCKET: 2550/A41

SERIAL NO: Not Yet Assigned

FILED: Herewith

Assignor is a joint inventor 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 Declaration executed by each 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 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 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: Feb. 2, 2005

John R. Martin  
John R. Martin, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Worcester, ss.

Feb 2, 2005

On this 2 day of February, 2005, before me, the undersigned notary public, personally appeared John R. Martin, proved to me through satisfactory evidence of identification, which consisted of AD1 ID, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

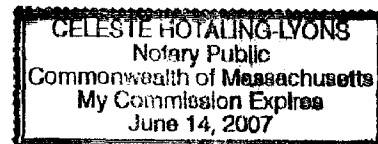
Celeste Hotelling-Lyons

Notary Public

My Commission Expires:

(seal)

-2-



Date: 2/4/05

Timothy J. Brosnihan  
Timothy J. Brosnihan, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Worcester ss.

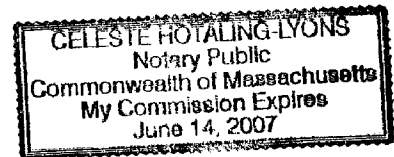
Feb 4, 2005

On this 4 day of Feb, 2005, before me, the undersigned notary public, personally appeared Timothy J. Brosnihan, proved to me through satisfactory evidence of identification, which consisted of AD (ID), to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Celeste Hotaling-Lyons  
Notary Public

(seal)

My Commission Expires:



Date: 2/9/05

Michael W. Judy  
Michael W. Judy, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Worcester ss.

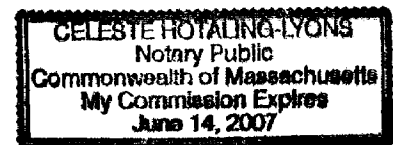
Feb 9, 2005

On this 9 day of Feb, 2005, before me, the undersigned notary public, personally appeared Michael W. Judy, proved to me through satisfactory evidence of identification, which consisted of AD (ID), to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Celeste Hotaling-Lyons  
Notary Public

(seal)

My Commission Expires:



Date: Feb. 3, 2005

Xin Zhang  
Xin Zhang, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

Feb 3, 2005

On this 3 day of Feb, 2005, before me, the undersigned notary public, personally appeared Xin Zhang, proved to me through satisfactory evidence of identification, which consisted of AD (ID), to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Celeste Hotaling-Lyons  
Notary Public

(seal)

My Commission Expires:

