

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>John R. Martin</td><td>02/02/2005</td></tr><tr><td>Timothy J. Brosnihan</td><td>02/04/2005</td></tr><tr><td>Michael W. Judy</td><td>02/09/2005</td></tr><tr><td>Xin Zhang</td><td>02/03/2005</td></tr></tbody></table>	Name	Execution Date	John R. Martin	02/02/2005	Timothy J. Brosnihan	02/04/2005	Michael W. Judy	02/09/2005	Xin Zhang	02/03/2005	
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Xin Zhang	02/03/2005										
RECEIVING PARTY DATA											
Name:	Analog Devices, Inc.										
Street Address:	One Technology Way										
City:	Norwood										
State/Country:	MASSACHUSETTS										
Postal Code:	02062-9106										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11952404</td></tr></tbody></table>	Property Type	Number	Application Number:	11952404							
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CORRESPONDENCE DATA											
Fax Number:	(617)443-0004										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617-443-9292										
Email:	etrudell@bromsun.com										
Correspondent Name:	Robert M. Asher										
Address Line 1:	Bromberg & Sunstein LLP, 125 Summer St.										
Address Line 4:	Boston, MASSACHUSETTS 02110-1618										
ATTORNEY DOCKET NUMBER:	2550/B19										
NAME OF SUBMITTER:	Robert M. Asher										
Total Attachments: 4 source=eet2550B19_AZ#page1.tif											

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PATENT

REEL: 020214 FRAME: 0110

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 Middlesex, ss.

Feb 2, 2005

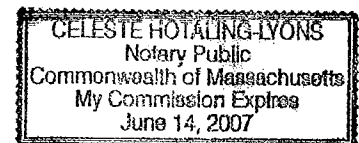
On this 2 day of February, 2005, before me, the undersigned notary public, personally appeared John R. Martin, proved to me through satisfactory evidence of identification, which consisted of ADI ID, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that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

Celeste Hotelling-Lyons

Notary Public

My Commission Expires:

(seal)



Date: 2/4/05

Timothy J. Brosnihan
Timothy J. Brosnihan, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss.

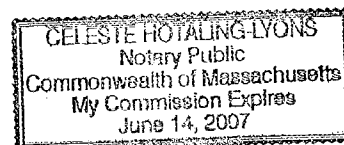
Feb 4, 2005

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 Middlesex ss.

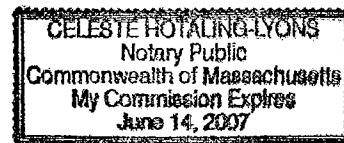
Feb 9, 2005

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

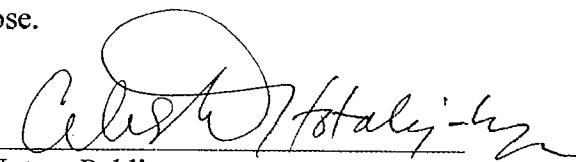

Xin Zhang, Assignor

COMMONWEALTH OF MASSACHUSETTS

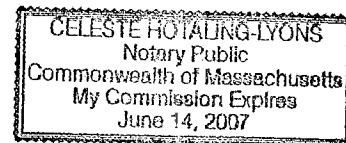
County of Middlesex ss.

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 ADI 1P, 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.


Notary Public

My Commission Expires:



(seal)