

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Fang Liu	04/02/2012
Kuang L. Yang	04/02/2012
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	
Property Type	Number
Application Number:	13435236
CORRESPONDENCE DATA	
Fax Number:	(617)443-0004
Phone:	617-443-9292
Email:	emiller@sunsteinlaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Jonathan C. Lovely
Address Line 1:	SUNSTEIN KANN MURPHY & TIMBERS LLP
Address Line 2:	125 Summer Street
Address Line 4:	Boston, MASSACHUSETTS 02110-1618
ATTORNEY DOCKET NUMBER:	2550/D74
NAME OF SUBMITTER:	Jonathan C. Lovely
Total Attachments: 3 source=eem2550D74_AZ#page1.tif source=eem2550D74_AZ#page2.tif source=eem2550D74_AZ#page3.tif	

CH \$40.00 13435236

ASSIGNMENT

ASSIGNORS: Fang Liu  
Kuang L. Yang

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

INVENTION: System and Method For Detecting Surface Charges of a  
MEMS Device

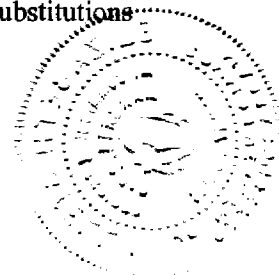
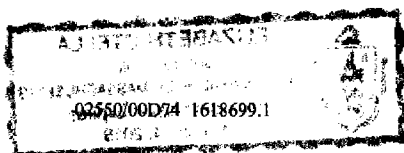
ATTORNEY DOCKET: 2550/D74

SERIAL NO: 13/435,236

FILING DATE: March 30, 2012

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 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: April 2, 2012

*Fang Liu*  
Fang Liu, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

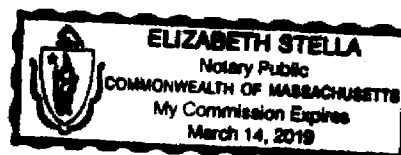
April 2, 2012

On this 2 day of April, 2012, before me, the undersigned notary public, personally appeared Fang Liu, proved to me through satisfactory evidence of identification, which consisted of Massachusetts driver's license 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.

Seal

*Elizabeth Stella*  
Notary Public

My commission expires:



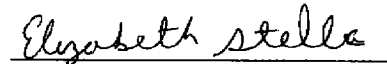
Date: April 2, 2012  
Kuang L. Yang, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss.April 2, 2012

On this 2 day of April, 2012, before me, the undersigned notary public, personally appeared Kuang L. Yang, proved to me through satisfactory evidence of identification, which consisted of Massachusetts Drivers license 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.

Seal

  
Notary Public

My commission expires:

