502546345 10/25/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2591870

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|---------------------|----------------|--|
| LI CHEN | 10/24/2013 | |
| THOMAS KIERAN NUNAN | 10/24/2013 | |
| KUANG L. YANG | 10/25/2013 | |

RECEIVING PARTY DATA

| Name: | ANALOG DEVICES, INC. |
|-----------------|----------------------|
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| City: | NORWOOD |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02062-9106 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14062157 |

CORRESPONDENCE DATA

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BOSTON, MASSACHUSETTS 02110-1618 Address Line 4:

| ATTORNEY DOCKET NUMBER: | 2550/E41 |
|-------------------------|------------------------------------|
| NAME OF SUBMITTER: | THOMAS J. TUYTSCHAEVERS |
| Signature: | /Thomas J. Tuytschaevers, #42,190/ |
| | PATENT |

PATENT REEL: 031480 FRAME: 0568 502546345

| Date: | 10/25/2013 |
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| Total Attachments: 4 source=eem2550E61_AZ#page1.tif source=eem2550E61_AZ#page2.tif source=eem2550E61_AZ#page3.tif source=eem2550E61_AZ#page4.tif | |

PATENT REEL: 031480 FRAME: 0569

ASSIGNMENT

ASSIGNORS: Li Chen

Thomas Kieran Nunan

Kuang L. Yang

ASSIGNEE: Analog Devices, Inc.

One Technology Way

Norwood, MA 02062-9106

<u>INVENTION</u>: MEMS Device with Outgassing Shield

ATTORNEY DOCKET: 2550/E61

<u>SERIAL NO</u>: 14/062,157

FILING DATE: October 24, 2013

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.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

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

Date: 10/24/2013 Li Chen, Assignor

COMMONWEALTH OF MASSACHUSETTS

| County of ////d/esci/, ss. | 10-24 | , 2013 |
|--|-------------|----------|
| On this <u>14</u> day of <u>cheec</u> , 2013, before me, the underspersonally appeared Li Chen, proved to me through satis identification, which consisted of <u>filless through</u> , t | factory evi | dence of |
| | | |

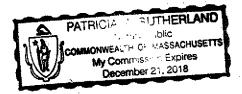
| whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose. | | |
|---|--|--|
| Access the same signed in voluntarity for its | Lataroia (Matherson | |
| Seal . | Notary Public | |
| | My commission Expires December 21, 2018 | |
| Date: 10/24/13 | Thomas Krown News | |
| | Thomas Kieran Nunan, Assignor | |
| COMMONWEALTH OF MASSACHUSETTS | | |
| County of Madleses , ss. | <u>/0-24</u> , 2013 | |
| On this 24 day of 2600, 2013, before me, the undersigned notary public, personally appeared Thomas Kieran Nunan, proved to me through satisfactory evidence of identification, which consisted of 1000 for 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 | | |
| Date: $\frac{0}{5}$ | My commission expires: PATRICIA A SUTHEFLED Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires December 21, 2018 Kuang L. Yang, Assignor | |
| COMMONWEALTH OF MASSACHUSETTS | | |
| County of Miskeling ss. | <u> 10 - 25 ,</u> 2013 | |
| On this 25 day of Oct., 2013, before me, the undersigned notary public, personally appeared Kuang L. Yang, proved to me through satisfactory evidence of identification, which consisted of Mass Server here to be the person | | |
| | ge 3 of 4 | |

PATENT REEL: 031480 FRAME: 0572 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:



RECORDED: 10/25/2013