

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4489144

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHURONG GU	06/01/2017
DENNIS A. DEMPSEY	06/16/2017
GUANGYANG QU	06/01/2017
HANQING WANG	06/01/2017
TONY YINCAI LIU	06/01/2017
RECEIVING PARTY DATA	
Name:	ANALOG DEVICES GLOBAL
Street Address:	3RD FLOOR, PAR LA VILLE PLACE 14
Internal Address:	PAR LA VILLE ROAD
City:	HAMILTON
State/Country:	BERMUDA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15586848
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	3867.404US1
NAME OF SUBMITTER:	CAITLIN SIPE
SIGNATURE:	/Caitlin Sipe/
DATE SIGNED:	07/05/2017
Total Attachments: 8	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 3867.404US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shurong Gu, Dennis A. Dempsey, GuangYang Qu,
Hanqing Wang, Tony Yincai Liu

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

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: June 1, 2017, June 16, 2017, June 1,
2017, June 1, 2017, June 1, 2017

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

Name: Analog Devices Global

Street Address: 3rd Floor, Par La Ville Place 14
Par La Ville Road

City: Hamilton
Country: Bermuda

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:

A. Patent Application No.(s)

Serial No. 15/586,848

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James L. Shands

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

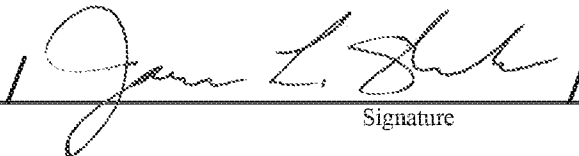
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9. Statement and signature.

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.

James L. Shands/Reg. No. 54,439

Name of Person Signing



Signature

June 20, 2017

Date

Total number of pages including cover sheet: 8

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

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 042895 FRAME: 0062

ASSIGNMENT

WHEREAS, Shurong Gu, Dennis A. Dempsey, GuangYang Qu, Hanqing Wang and Tony Yincal Liu (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); and described in the patent application filed on May 4, 2017, assigned US application serial number 15/586,848, and titled MULTIPLE STRING, MULTIPLE OUTPUT DIGITAL TO ANALOG CONVERTER.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Analog Devices Global (the "Assignee"), having a place of business at 3rd Floor, Par La Ville Place 14, Par La Ville Road, Hamilton, Bermuda, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

Assignment

Assignors: Shurong Gu et al.

Title: MULTIPLE STRING, MULTIPLE OUTPUT DIGITAL TO ANALOG CONVERTER

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Docket No: 3867.404US1
Client Ref. No. APD609201US

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignor:

(Signature):

Shurong Gu

Name: Shurong Gu

City/Country: Beijing, China

Date:

2017.6.1

Assignment
Assignors: Siborong Gu et al.
Title: MULTIPLE STRING, MULTIPLE OUTPUT DIGITAL TO ANALOG CONVERTER
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Docket No: 3867.404US1
Client Ref. No. APD609201US

Assignor:

(Signature):

Dennis Dempsey

Name: Dennis A. Dempsey

City/Country: Newport, Ireland

Date:

16th June 2017

Assignor:

(Signature):



Name: GuangYang Qu

City/ Country: Beijing, China

Date:

2017. 6. 1

Assignor:

(Signature):

王汉卿

Name: Hanging Wang

City/ Country: Beijing, China

Date:

June 1, 2017

Assignor:

(Signature):

Tony Yincui Liu

Name: Tony Yincui Liu

City/ Country: Beijing, China

Date:

2017.6.1